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개정이력

버전	작성일	변경내용	작성자	승인자
VO.1	2021-08-31	최초 작성	이희웅	곽성희
V1.0	2021-11-23	GK2A AMI L1B 지원 기능 추가	이희웅	곽성희
V2.0	2022-05-02	LDAPS, GDAPS UM, GDAPS KIM 지원 기 능 추가 사용자 피드백 반영	이희웅	박근석
V2.1	2022-07-18	사용자 피드백 반영	이희웅	박근석
V2.2	2022-10-06	사용자 피드백 반영	이희웅	박근석
V2.3	2023-06-19	pytorch를 사용하지 않고 numpy를 이 용하는 방법 추가	이희웅	박근석

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1. 개요

Al 확장 라이브러리는 주요 포맷 기상 자료를 pytorch 딥 러닝 모델에 사용하도록 돕는 Python 라이브러리입니다.

아래 매뉴얼에서는 다음과 같이 구성되어 있습니다.

- 2 장에서는 AI 확장 라이브러리의 구성 요소를 설명합니다.
- 3 장에서는 AI 확장 라이브러리의 사용자 요구 환경과 설치 방법을 설명합니다.
- 4장에서는 AI 확장 라이브러리의 사용 방법과 그 예시를 설명합니다.

1.1. 문서의 목적

본 문서는 사용자의 AI 확장 라이브러리 사용을 돕기 위해 서술되었습니다. 본 문서의 내용은 AI 확장 라이브러리의 구조와 사용 방법을 포함하며, 라이브러리를 활용해 주요 기상 자료를 사용하려는 사람을 위해 작성되었습니다. 문서를 읽기 위해 기초적인 python 지식을 필요로 합니다.

1.2. AI 확장 라이브러리

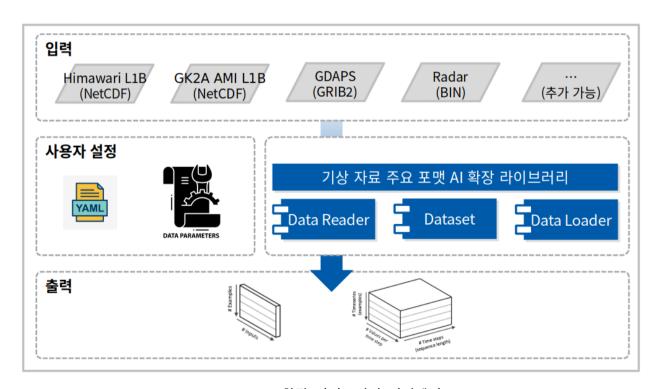


Figure 1 AI 확장 라이브러리 인터페이스

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Al 확장 라이브러리는 주요 포맷 기상 자료를 입력으로 받아 Data Loader 를 반환하며, Data Reader, Dataset, Data Loader 세 가지로 구성되어 있습니다. 주요 포맷 기상 자료의 전체 목록은 아래와 같습니다. Al 확장 라이브러리는 간편하게 샤로운 기상 자료 포맷을 추가할 수 있으며, 현재는 아래의 모든 주요 기상 자료 포맷을 지원하고 있습니다.

기상 자료 포맷	파일 포맷	현재 지원 여부
Himawari Cloud L1B	NETCDF	0
GK2A AMI L1B	NETCDF	0
Radar CMP	BIN	0
Radar NetCDF	NetCDF	0
LDAPS	GRIB2	0
GDAPS UM	GRIB2	0
GDAPS KIM	GRIB2	0

Table 1 주요 포맷 기상 자료 목록

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2. 구성

이 절에서는 AI 확장 라이브러리의 구성을 서술합니다.

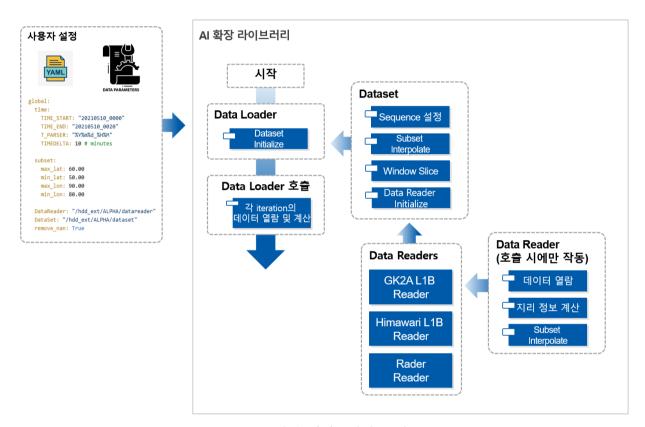


Figure 2 AI 확장 라이브러리 구성요소

Data Reader 는 열람할 기상 자료를 탐색한 뒤 각 자료 포맷에 맞는 API를 사용해 자료를 열람하고 가공합니다. Dataset 은 Data Reader 를 호출해 자료를 가져오고, 필요한 데이터를 가공합니다. 가공목록은 다음과 같습니다.

- Sequence length 설정
- Window Sliding
- 사용자 정의 전처리 method 적용

Data Loader 는 Dataset 을 호출해 가공된 자료를 가져오고, 사용자가 Data Loader 를 호출할 때마다 제공합니다. 사용자는 Data Loader 에 사용할 batch data 의 크기, 데이터 배포 순서와 같은 인자를 설정해 전처리된 데이터를 가져올 수 있습니다. 또한, 이 데이터를 딥 러닝 모델의 입력으로 사용할 수 있습니다. Data Loader 에 설정 가능한 인자의 목록은 표 3 Arguments Table 에서 확인할 수 있습니다. Al 확장 라이브러리의 전처리 과정은 그림 4 와 표 4 에서 확인할 수 있습니다. Al 확장 라이브러리의 Data Loader 는 Pytorch DataLoader 의 상속 클래스입니다. Pytorch DataLoader 는 iterable 한 클래스로,

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한 번에 처리하기 힘들 정도로 많은 데이터를 적절하게 나눠주는 파이프라인 역할을 합니다. 아래는 Pytorch DataLoader 의 작동 방식을 설명한 그림입니다.

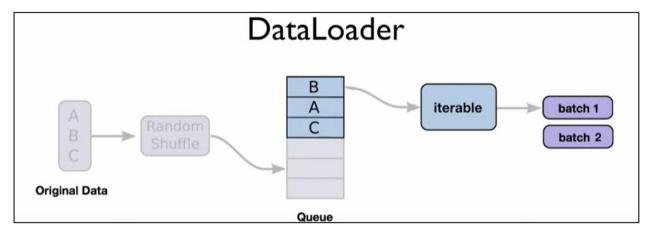


Figure 3 DataLoader

위 그림에서 Original Data 는 전처리 완료된 데이터이며, batch 는 사용자가 한 번에 받는 데이터의 묶음입니다.

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3. 사용자 요구 환경 및 설치 방법

이 절에서는 AI 확장 라이브러리의 설치 방법을 서술합니다. AI 확장 라이브러리는 python 3.6 버전이상을 요구하며, Windows/Linux에서 모두 사용 가능합니다. AI 확장 라이브러리는 whl 파일로 제공되며, pip install을 통해서 간단하게 설치할 수 있습니다.

```
pip install MetDL-2.2.0-py3-none-any.whl
```

Al 확장 라이브러리는 외부 라이브러리를 사용하기 때문에 외부 네트워크 사용이 불가능할 경우 한 번의 pip 을 통한 설치가 어려울 수 있습니다. 그럴 경우 아래의 requirements.txt 를 참고해 OS 와 버 전에 맞춰 외부 라이브러리를 설치해 주시길 바랍니다.

```
certifi>=2021.5.30
cftime>=1.5.0
netCDF4>=1.5.4
numpy>=1.9.0
scipy>=1.5.2
Pillow>=8.3.1
PyYAML==5.4.1
torch>=1.7.1
torchvision>=0.8.2
typing-extensions==3.10.0.0
h5df>=0.1.5
h5py>=2.10.0
pandas>=1.3.1
openpyxl>=3.0.9
pupygrib>=0.9.0
```

GDAPS. GDAPS_KIM, LDAPS 데이터를 읽기 위해서는 Unix OS 에서 pygrib 패키지를 설치해야 합니다.

Windows OS 에서는 pygrib 패키지를 설치하지 못하므로 GDAPS, GDAPS_KIM, LDAPS 데이터를 읽을 수 없습니다.

```
pip install pygrib
```

pygrib 을 설치하지 않아도 GDAPS, GDAPS_KIM, LDAPS 를 제외한 데이터는 정상적으로 사용할 수 있습니다.

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4. 사용 방법

이 절에서는 AI 확장 라이브러리의 사용 방법과 그 예시를 서술합니다.

4.1. 기상자료 별 Config 작성 방법

Al 확장 라이브러리는 Config yaml 파일에서 실행 정보를 가져와 사용합니다. 이 장에서는 Config 파일의 예시를 들고, Config 파일의 작성 방법을 설명합니다.

4.1.1. Himawari Cloud L1B

아래는 Himawari Cloud L1B 기상자료를 사용할 경우의 예시 Config 입니다.

```
HIMAWARI:

TYPE: HIMAWARI_CLOUD

DATA_FOLDER: "data/HIMAWARI_CLOUD"

albedo_01:

FILE_NAMING_RULE: "HS_H08_%Y%m%d_%H%M_B01_FLDK.nc"

ALBEDO:

item_path: "/albedo"

execute:

geocoding:

left_upper_pixelY: 0

left_upper_pixelX: 0

right_lower_pixelY: 6001

right_lower_pixelX: 6001

target: HIMAWARI/albedo_01/ALBEDO

order: ["HIMAWARI/albedo_01/ALBEDO"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

path	설명 및 예시
	Config 파일 최상단에 있는 GK2A_AMI는 데이터셋을 의미합니다. 데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에
	TYPE, DATA_FOLDER 등 항목을 가집니다.
	각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로
	안에 위치해야 합니다.
HIMAWARI	HIMAWARI:
	TYPE: HIMAWARI_CLOUD
	DATA_FOLDER: "data/HIMAWARI_CLOUD"
	albedo_01:
	FILE_NAMING_RULE: "HS_H08_%Y%m%d_%H% <u>M_B01_FLDK.nc</u> "
	ALBEDO:
	item_path: "/albedo"
	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다.
HIMAWARI/TYPE	Himawari Cloud L1B 자료의 경우 'HIMAWARI_CLOUD'를 입력할 수 있습
HIMAWARI/TTPE	니다.
	TYPE: HIMAWARI_CLOUD
HIMANAA DI/DATA EOI	DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경
HIMAWARI/DATA_FOL DER	로를 나타냅니다.
DEN	DATA_FOLDER: "data/HIMAWARI_CLOUD"

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	albedo_01 항목은 기상 자료를 의미합니다.
	기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설
	정할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.
HIMAWARI/albedo_01	albedo 01:
	FILE_NAMING_RULE: "HS_H08_%Y%m%d_%H%M_B01_FLDK.nc"
	ALBEDO:
	item_path: "/albedo"
	FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다.
	위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를
LUMANA/A DI/albada 04/E	게 global 성득에서 발생한 time 성득을 기원으로 수 사업의 기정 사료를 지정합니다.
HIMAWARI/albedo_01/F	, , , ,
ILE_NAMING_RULE	FILE_NAMING_RULE 에 대한 자세한 포맷 정보는 <u>페이지</u> 를 참고할 수
	있습니다.
	FILE_NAMING_RULE: "HS_H08_%Y%m%d_%H%M_B01_FLDK.nc"
	ALBEDO 항목은 기상 자료의 band 를 의미합니다.
LUMANA/A DI/albaala O4/	band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있
HIMAWARI/albedo_01/	으며, item_path 항목을 가집니다.
ALBEDO	ALBEDO:
	item_path: "/albedo"
	item_path 항목은 band 가 존재하는 경로를 나타냅니다.
	Himawari Cloud L1B 의 경우 '[데이터 밴드 경로]' 값을 item_path 로 설정
HIMAWARI/albedo_01/	할 수 있습니다.
ALBEDO/item_path	_ , ,,,,, , ,
	데이터의 밴드 경로는 기상 자료에서 확인할 수 있습니다.
	item_path: "/albedo"
	execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다.
	execute 아래의 geocoding, order 항목을 통해 공간 해상도와 데이터 순
	서를 설정할 수 있습니다.
	execute:
ava avta	geocoding:
execute	left_upper_pixelY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: 6001
	right_lower_pixelX: 6001
	target: HIMAWARI/albedo_01/ALBEDO
	order: ["HIMAWARI/albedo_01/ALBEDO"]
	geocoding 항목은 기상 자료의 공간 해상도를 의미합니다.
	geocoding 항목 아래의 left_upper_pixelY, left_upper_pixelX,
	right_lower_pixelY, right_lower_pixelX, target 항목을 통해 기상 자료의 공
	간 해상도 정보를 설정할 수 있으며, 라이브러리 실행 시 모든 기상 자
	료가 설정된 공간 해상도로 interpolate 됩니다.
execute/geocoding	geocoding:
	left_upper_pixelY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: 6001
	right_lower_pixelX: 6001
	target: HIMAWARI/albedo_01/ALBEDO
avecute/geocoding/left	left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니
execute/geocoding/left_ upper_pixelY	다.
apper_pixer i	left_upper_pixelY: 0
ave auto/magazzalia a/lati	left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니
execute/geocoding/left_	다.
upper_pixelX	left_upper_pixelX: 0

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	,
	right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니
	다.
execute/geocoding/right	-1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니
_lower_pixelY	
	다.
	right_lower_pixelY: 6001
	right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니
	다.
execute/geocoding/right	-1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니
_lower_pixelX	다.
	right lower pixelX: 6001
	<u> </u>
	target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다.
execute/geocoding/targ	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있
et	습니다.
	target: HIMAWARI/albedo_01/ALBEDO
	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.
	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있
execute/order	으며, order 항목에 포함되지 않은 데이터는 로드하지 않습니다.
	order: ["HIMAWARI/albedo_01/ALBEDO"]

Table 2 config table

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4.1.2. GK2A AMI L1B

아래는 GK2A AMI L1B 기상자료를 사용할 경우의 예시 Config 입니다.

```
GK2A AMI:
 TYPE: GK2A AMI
 DATA FOLDER: "data/GK2A AMI/"
 USE CONDITIONAL PIXEL: True
 USE PHYSICAL VALUE: True
 ir087:
   FILE NAMING RULE: "gk2a ami le1b ir087 fd020ge %Y%m%d%H%M.nc"
   ir087:
     item_path: "image_pixel_values"
execute:
 geocoding:
   left_upper_pixelY: 0
   left_upper_pixelX: 0
   right_lower_pixelY: 5500
   right_lower_pixelX: 5500
 target: GK2A_AMI/ir087/ir087
order: ["GK2A_AMI/ir087/ir087"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

path	설명 및 예시
GK2A_AMI	Config 파일 최상단에 있는 GK2A_AMI는 데이터셋을 의미합니다. 데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 TYPE, DATA_FOLDER 등 항목을 가집니다. GK2A AMI L1B 의 경우 기상 자료의 특성에 따라 USE_CONDITIONAL_PIXEL, USE_PHYSICAL_VALUE 와 같은 항목들이 필요합니다. 각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로 안에 위 치해야 합니다. GK2A_AMI: TYPE: GK2A_AMI DATA_FOLDER: "data/GK2A_AMI/" USE_CONDITIONAL_PIXEL: True USE_PHYSICAL_VALUE: True ir087: FILE_NAMING_RULE: "gk2a_ami_le1b_ir087_fd020ge_%Y%m%d%H%M.nc" ir087: item_path: "image_pixel_values"
GK2A_AMI/TY PE	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다. GK2A AMI L1B 의 경우 'GK2A_AMI'를 입력할 수 있습니다.
	TYPE: GK2A_AMI DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경로를 나타
GK2A_AMI/DA TA FOLDER	냅니다.
.,, 025210	DATA_FOLDER: "data/GK2A_AMI/"
GK2A_AMI/	USE_CONDITIONAL_PIXEL 항목은 GK2A_AMI 기상 자료를 사용할 경우 설정하

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USE_CONDIT	는 항목으로, Data Quality Flag 의 조건부 사용 가능 픽셀의 사용 여부를 의미합니
IONAL_I IALL	다. GK2A AMI 기상 자료는 DQF에 따라 4 가지 상태를 가지며, 각 상태는 다음과 같
	습니다.
	● DQF 0: 좋은 품질 ● DQF 1: 조건에 따라 사용가능
	● DQF 1: 조선계 취직 사용가 8 ● DQF 2: 관측 영역 외부
	● DQF 3: 오류 존재
	DQF 0 픽셀은 항상 nan 처리되지 않습니다.
	DQF 1 픽셀은 USE_CONDITIONAL_PIXEL 항목을 true 로 설정할 nan 처리하지
	않습니다.
	DQF 2, 3 픽셀은 항상 nan 처리됩니다.
	USE_CONDITIONAL_PIXEL: True
	USE_PHYSICAL_VALUE 항목은 GK2A_AMI 기상 자료를 사용할 경우 설정하는 항목으로, gain/offset 의 적용 여부를 지정합니다.
GK2A_AMI/US E_PHYSICAL	True 로 설정할 경우 gain, offset 을 적용합니다.
_VALUE	False 로 설정할 경우 적용하지 않습니다.
	USE_PHYSICAL_VALUE: True
	ir087 항목은 기상 자료를 의미합니다.
	기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설정할 수
GK2A_AMI/ir0	있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.
87	ir087: FILE_NAMING_RULE: "gk2a_ami_le1b_ir087_fd020ge_%Y%m%d%H%M.nc"
	ir087:
	item_path: "image_pixel_values"
GK2A_AMI/ir0	FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다.
87/	위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를 지정합
FILE_NAMING	니다.
_RULE	FILE_NAMING_RULE 에 대한 자세한 포맷 정보는 <u>페이지</u> 를 참고할 수 있습니다. FILE_NAMING_RULE: "gk2a_ami_le1b_ir087_fd020ge_%Y%m%d%H% <u>M.nc</u> "
	ALBEDO 항목은 기상 자료의 band 를 의미합니다.
CKOA AMI/iro	band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있으며,
GK2A_AMI/ir0 87/ir087	item_path 항목을 가집니다.
	ir087:
	item_path: "image_pixel_values" item_path 항목은 band 가 존재하는 경로를 나타냅니다.
GK2A_AMI/ir0	GK2A AMI L1B 의 경우 '[데이터 밴드 경로]' 값을 item_path 로 설정할 수 있습니
87/ir087/item	다.
path	데이터의 밴드 경로는 기상 자료에서 확인할 수 있습니다.
	item_path: "image_pixel_values"
	execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다.
	execute 아래의 geocoding, order 항목을 통해 공간 해상도와 데이터 순서를 설정
	할 수 있습니다. execute:
	geocoding:
execute	left_upper_pixelY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: 5500 right_lower_pixelX: 5500
	target: GK2A_AMI/ir087/ir087
	order: ["GK2A_AMI/ir087/ir087"]

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execute/geoco ding	geocoding 항목은 기상 자료의 공간 해상도를 의미합니다. geocoding 항목 아래의 left_upper_pixelY, left_upper_pixelX, right_lower_pixelY, right_lower_pixelX, target 항목을 통해 기상 자료의 공간 해상도 정보를 설정할 수 있으며, 라이브러리 실행 시 모든 기상 자료가 설정된 공간 해상도로 interpolate 됩니다. geocoding: left_upper_pixelY: 0 left_upper_pixelX: 0 right_lower_pixelY: 5500 right_lower_pixelX: 5500 target: GK2A_AMI/ir087/ir087
execute/geoco	left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니다.
ding/left_upper _pixelY	left_upper_pixelY: 0
execute/geoco	left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다.
ding/left_upper _pixeIX	left_upper_pixelX: 0
execute/geoco	right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다.
ding/right_low	-1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
er_pixelY	right_lower_pixelY: 5500
execute/geoco	right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다.
ding/right_low	-1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
er_pixelX	right_lower_pixelX: 5500
execute/geoco	target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다.
ding/target	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니다.
	target: GK2A_AMI/ir087/ir087
	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.
execute/order	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있으며,
	order 항목에 포함되지 않은 데이터는 로드하지 않습니다.
	order: ["GK2A_AMI/ir087/ir087"]

Table 3 config table

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4.1.3. Radar CMP

아래는 Radar CMP 기상자료를 사용할 경우의 Config yaml 예시 파일입니다.

```
RADAR_CMP:

TYPE: RADAR_CMP

DATA_FOLDER: "data/RADAR_CMP"

HCI:

FILE_NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz"

ALBEDO:
    item_path: "0_0"

execute:
    geocoding:
    left_upper_pixelY: 0
    left_upper_pixelX: 0
    right_lower_pixelY: -1
    right_lower_pixelX: -1
    target: RADAR_CMP/HCI/ALBEDO

order: ["RADAR_CMP/HCI/ALBEDO"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

아테는 에시 Conlig 에 대한 설명과 작성 방법입니다.		
path	설명 및 예시	
	Config 파일 최상단에 있는 RADAR_CMP는 데이터셋을 의미합니다. 데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 TYPE, DATA_FOLDER 등 항목을 가집니다.	
DADAD 014D	각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로 안에 위치해야 합니다.	
RADAR_CMP	RADAR_CMP: TYPE: RADAR_CMP DATA_FOLDER: "data/RADAR_CMP" HCI:	
	FILE_NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz" ALBEDO: item_path: "0_0"	
RADAR_CMP/TYP	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다. Radar CMP 의 경우 'RADAR_CMP'를 입력할 수 있습니다.	
-	TYPE: RADAR CMP	
RADAR_CMP/DAT A FOLDER	DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경로를 나타냅니다.	
A_I OLDLIK	DATA_FOLDER: "data/RADAR_CMP"	
RADAR_CMP/HCI	HCI 항목은 기상 자료를 의미합니다. 기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.	
	HCI: FILE_NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz" ALBEDO: item_path: "0_0"	

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FILE_NAMING_RULE 항목은 기상 자료의 이름은 나타냅니다.		<u>, </u>
RADAR CMP/HC/ FILE NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz" ALBEDO 학무은 기상 자료의 band 를 의미합니다. RADAR CMP/HC/ ALBEDO 학무은 기상 자료의 band 를 의미합니다. RADAR CMP/HC/ ALBEDO 한무은 기상 자료의 band 를 의미합니다. RADAR CMP/HC/ ALBEDO/item_path RADAR CMP/HC/IALBEDO RECUITE (RADAR CMP/HC/IALBEDO) RECUITE (RECUITE (RADAR CMP/HC/IALBEDO) RECUITE (RADAR CMP/HC/IALBEDO) RECUITE (RECUITE (RADAR CMP/HC/IALBEDO) RECUITE (RADAR CMP		FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다.
FILE_NAMING_RULE 에 대한 자세한 포뱃 정보는 페이지를 참고할 수 있습니다. FILE_NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz" ALBEDO 항목은 기상 자료의 band를 의미합니다. band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 실정할 수 있으며, item_path 항목을 가접니다. ALBEDO:	FILE_NAMING_RU	위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를 지
FILE_NAMING_RULE: "RDR_CMP_HCI_KMA_% PX%m%d%H%M.bin.gz" ALBEDO 합국은 기상 자료의 band를 의미합니다. BADAR_CMP/HCI_ALBEDO: Tanget: RDR_CMP_HCI_KMA_% PX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_% PX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_% PX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_% PX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_SPX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_SPX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_SPX%m%d%H%M.bin.gz" ALBEDO: Tanget: RDR_CMP_HCI_KMA_SPX Tanget: RDR_CMP_HCI_KMA_SPX Tanget: RDR_CMP_HCI_KMA_SEDO Tanget: RDR_CMP_MCI_KMA_SEDO Tanget: RDR_CMP_MCI_KMA_SEDO Tanget: RDR_CMP_MCI_KMA_SEDO Tanget: RDR_CMP_MCI_KMA_SEDO Tanget: RDR_CMP_MCI_KMA_SEDO		정합니다.
다. FILE NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz" ALBEDO 항목은 기상 자료의 band 를 의미합니다. band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 실정할 수 있으며, item_path: "0_0" item_p		FILE NAMING RULE 에 대한 자세한 포맷 정보는 페이지를 참고할 수 있습
FILE NAMING_RULE: "RDR_CMP_HCI_KMA_%Y%m%d%H%M.bin.gz" ALBEDO 항목은 기상 자료의 band 를 의미합니다. band band baln 한복을 아래에 자유로운 이름으로 여리 개 설정할 수 있으며, item_path 항목을 가집니다. ALBEDO: RADAR_CMP/HCI ALBEDO/item_path 항목은 band 가 존재하는 경로를 나타냅니다. Radar CMP 의 경우 "[데이터 밴드 순서]_[데이터 교도 순서]" 값을 item_path 로 설정할 수 있습니다. 데이터의 밴드 순서와 고도 순서는 기상 자료에서 확인할 수 있습니다. item_path: "0_0" execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다. execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다. execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다. execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다. execute ieft_upper_pixelY: 0 left_upper_pixelX: 0 right_lower_pixelX: 1 target: RADAR_CMP/HCI/ALBEDO order_[FRADAR_CMP/HCI/ALBEDO] geocoding 항목은 기상 자료의 공간 해상도를 의미합니다. geocoding: left_upper_pixelX: 0 right_lower_pixelX: 1 right_lower_pixelX: 1 right_lower_pixelX: 1 right_lower_pixelX: 1 right_lower_pixelX: 0 right_lower_pixel		
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execute/geocoding		• • • • • • • • • • • • • • • • • • •
geocoding:		·
left_upper_pixelY: 0 left_upper_pixelX: 0 right_lower_pixelX: -1 target: RADAR_CMP/HCI/ALBEDO execute/geocoding/ left_upper_pixelY left_upper_pixelY: 0 left_upper_pixelY: 0 left_upper_pixelY: 0 left_upper_pixelY: 0 left_upper_pixelX: 0 left_upper_pixelX: 0 left_upper_pixelX: 0 left_upper_pixelX: 0 right_lower_pixelY volume value va	overute/generaling	'
left_upper_pixelX: 0	execute/geocoding	
right_lower_pixelY: -1 right_lower_pixelX: -1 target: RADAR_CMP/HCl/ALBEDO execute/geocoding/ left_upper_pixelY execute/geocoding/ left_upper_pixelY: 0 execute/geocoding/ left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX: 0 right_lower_pixelY: 0 right_lower_pixelY: 0 right_lower_pixelY: 0 right_lower_pixelX: 0 right_lower_pixelY: 5 right_lower_pixelY: -1 right_lower_pixelY: -1 right_lower_pixelX: 5 right_lower_pixelX: 5 right_lower_pixelX: 5 right_lower_pixelX: -1 target 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
right_lower_pixelX: -1 target: RADAR_CMP/HCI/ALBEDO execute/geocoding/ left_upper_pixelY execute/geocoding/ left_upper_pixelX execute/geocoding/ right_lower_pixelY execute/geocoding/ right_lower_pixelY execute/geocoding/ right_lower_pixelX execute/geocoding/ target execute/geocoding/ target execute/geocoding/ target pright_lower_pixelX: -1 target ob q-c right days for not part of the price of th		
target: RADAR_CMP/HCI/ALBEDO execute/geocoding/ left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니다. left_upper_pixelY: 0 execute/geocoding/ left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX: 0 execute/geocoding/ right_lower_pixelY execute/geocoding/ right_lower_pixelY execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX: -1 execute/geocoding/ target 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
left_upper_pixelY left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니다. left_upper_pixelY: 0 left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX: 0 right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다. -1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelY: -1 right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다. -1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다. -1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
left_upper_pixelY left_upper_pixelY: 0 execute/geocoding/ left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX: 0 execute/geocoding/ right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelY: -1 execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX: -1 execute/geocoding/ target 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니	avaguta/gagagding/	
execute/geocoding/ left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다. left_upper_pixelX: 0 execute/geocoding/ right_lower_pixelY execute/geocoding/ right_lower_pixelX: 1 execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX execute/geocoding/ right_lower_pixelX: -1 execute/geocoding/ right_lower_pixelX: -1 execute/geocoding/ target execute/geocoding/ target execute/geocoding/ target below = pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 execute/geocoding/ target target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		• • • • • • • • • • • • • • • • • • • •
left_upper_pixelXleft_upper_pixelX: 0execute/geocoding/ right_lower_pixelYright_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelY: -1execute/geocoding/ right_lower_pixelXright_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1execute/geocoding/ targettarget 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니	- ' ' ' '	
execute/geocoding/ right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelY: -1 execute/geocoding/ right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 execute/geocoding/ target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
execute/geocoding/ right_lower_pixelY' -1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelY: -1 execute/geocoding/ right_lower_pixelX execute/geocoding/ target execute/geocoding/ target execute/geocoding/	ieit_uppei_pixeiA	<u> </u>
right_lower_pixelY right_lower_pixelY: -1 execute/geocoding/ right_lower_pixelX right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 execute/geocoding/ target target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		,
execute/geocoding/ right_lower_pixelXright_lower_pixelX항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.execute/geocoding/ targettarget 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
execute/geocoding/ right_lower_pixelX -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다. right_lower_pixelX: -1 execute/geocoding/ target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
right_lower_pixelX	execute/geocoding/	,
right_lower_pixelX: -1 execute/geocoding/ target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
execute/geocoding/ 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습니		
target 설정 파일 정단의 DallaSet 아내 기정 사료의 Dalla 정도를 신력할 수 있답니	execute/geocoding/	
다.		
	9	다.

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	target: RADAR_CMP/HCI/ALBEDO
execute/order	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.
	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있으며,
	order 항목에 포함되지 않은 데이터는 로드하지 않습니다.
	order: ["RADAR_CMP/HCI/ALBEDO"]

Table 4 config table

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4.1.4. Radar NetCDF

아래는 Radar NetCDF 기상자료를 사용할 경우의 Config yaml 예시 파일입니다.

```
RADAR_WISSDOM:

TYPE: RADAR_NETCDF

DATA_FOLDER: "data/RADAR_NETCDF"

HSR_01:

FILE_NAMING_RULE: "RDR_R3D_KMA_WD_%Y%m%d%H%M.nc"

ALBEDO:

item_path: "u_component_0"

execute:

geocoding:

left_upper_pixelY: 0

left_upper_pixelX: 0

right_lower_pixelY: -1

right_lower_pixelY: -1

target: RADAR_WISSDOM/HSR_01/ALBEDO

order: ["RADAR_WISSDOM/HSR_01/ALBEDO"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

Tank in the second of the	1번 설명과 직정 정립됩니다.
path	설명 및 예시
-	Config 파일 최상단에 있는 RADAR_WISSDOM은 데이터셋을 의미합니다.
	데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 TYPE,
	DATA_FOLDER 등 항목을 가집니다.
	각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로
	안에 위치해야 합니다.
RADAR_WISSDOM	RADAR_WISSDOM:
	TYPE: RADAR_NETCDF
	DATA_FOLDER: "data/RADAR_NETCDF"
	HSR_01:
	FILE_NAMING_RULE: "RDR_R3D_KMA_WD_%Y%m%d%H% <u>M.nc</u> "
	ALBEDO:
	item_path: "u_component_0"
RADAR WISSDOM/T	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다.
YPE	Radar NetCDF 의 경우 'RADAR_NETCDF'를 입력할 수 있습니다.
	TYPE: RADAR_NETCDF
RADAR WISSDOM/D	DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경로
ATA FOLDER	를 나타냅니다.
///_i debelt	DATA_FOLDER: "data/RADAR_NETCDF"
	HSR_01 항목은 기상 자료를 의미합니다.
	기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설정
RADAR_WISSDOM/H SR_01	할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.
	HSR_01:
	FILE_NAMING_RULE: "RDR_R3D_KMA_WD_%Y%m%d%H% <u>M.nc</u> "
	ALBEDO:
	item_path: "u_component_0"
RADAR_WISSDOM/H	FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다.

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	<u>, </u>
SR_01/FILE_NAMING	위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를
_RULE	지정합니다.
	FILE_NAMING_RULE 에 대한 자세한 포맷 정보는 <u>페이지</u> 를 참고할 수 있
	습니다.
	FILE_NAMING_RULE: "RDR_R3D_KMA_WD_%Y%m%d%H%M.nc"
	ALBEDO 항목은 기상 자료의 band 를 의미합니다.
DADAD WISSDOM/H	band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있으
RADAR_WISSDOM/H SR_01/ALBEDO	며, item_path 항목을 가집니다.
OK_OT/ALDEDO	ALBEDO:
	item_path: "u_component_0"
	item_path 항목은 band 가 존재하는 경로를 나타냅니다.
RADAR_WISSDOM/H	Radar NetCDF 의 경우 '[데이터 밴드 순서]_[데이터 고도 순서]' 값을
SR_01/ALBEDO/item_	item_path 로 설정할 수 있습니다.
path	데이터의 밴드 순서와 고도 순서는 기상 자료에서 확인할 수 있습니다.
	item_path: "u_component_0"
	execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다.
	execute 아래의 geocoding, order 항목을 통해 공간 해상도와 데이터 순서
	를 설정할 수 있습니다.
	execute:
	geocoding:
execute	left_upper_pixeIY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: RADAR_WISSDOM/HSR_01/ALBEDO order: ["RADAR_WISSDOM/HSR_01/ALBEDO"]
	geocoding 항목은 기상 자료의 공간 해상도를 의미합니다.
	geocoding 항목 아래의 left_upper_pixelY, left_upper_pixelX,
	right_lower_pixelY, right_lower_pixelX, target 항목을 통해 기상 자료의 공
	간 해상도 정보를 설정할 수 있으며, 라이브러리 실행 시 모든 기상 자료
	가 설정된 공간 해상도로 interpolate 됩니다.
execute/geocoding	geocoding:
	left_upper_pixelY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: RADAR_WISSDOM/HSR_01/ALBEDO
execute/geocoding/left	left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니
_upper_pixelY	다.
_upper_pixerr	left_upper_pixelY: 0
execute/geocoding/left	left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다.
_upper_pixelX	left_upper_pixelX: 0
	right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니
execute/geocoding/rig	다.
ht_lower_pixelY	-1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelY: -1
	right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니
execute/geocoding/rig	다.
ht_lower_pixelX	-1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelX: -1
execute/geocoding/tar	target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다.

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get	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습
	니다.
	target: RADAR_WISSDOM/HSR_01/ALBEDO
	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.
avacuta/ardar	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있으
execute/order	며, order 항목에 포함되지 않은 데이터는 로드하지 않습니다.
	order: ["RADAR_WISSDOM/HSR_01/ALBEDO"]

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4.1.5. LDAPS

아래는 LDAPS 기상자료를 사용할 경우의 Config yaml 예시 파일입니다.

```
LDAPS:

TYPE: LDAPS

DATA_FOLDER: "data/LDAPS/"

LDAPS:

FILE_NAMING_RULE: "1015_v070_erlo_pres_h000.%Y%m%d%H.gb2"

band_1:

item_path: "1"

execute:

geocoding:

left_upper_pixelY: 0

left_upper_pixelX: 0

right_lower_pixelY: -1

right_lower_pixelX: -1

target: LDAPS/LDAPS/band_1

order: ["LDAPS/LDAPS/band_1"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

THE MY COMING TO	네인 글 6시 구경 8 바타이어.
path	설명 및 예시
	Config 파일 최상단에 있는 LDAPS는 데이터셋을 의미합니다. 데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 TYPE, DATA_FOLDER 등 항목을 가집니다.
	각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로 안에 위치해야 합니다.
LDAPS	LDAPS: TYPE: LDAPS DATA_FOLDER: "data/LDAPS/" LDAPS: FILE_NAMING_RULE: "l015_v070_erlo_pres_h000.%Y%m%d%H.gb2"
	band_1: item_path: "1"
LDAPS /TYPE	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다. LDAPS의 경우 'LDAPS'를 입력할 수 있습니다.
	TYPE: LDAPS
LDAPS /DATA FOLDER	DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경로를 나타냅니다.
/DATA_FOLDER	DATA_FOLDER: "data/LDAPS/"
LDAPS /LDAPS	LDAPS 항목은 기상 자료를 의미합니다. 기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설정 할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.
	LDAPS: FILE_NAMING_RULE: "I015_v070_erlo_pres_h000.%Y%m%d%H.gb2" band_1: item_path: "1"

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	FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다.
LDAPS /LDAPS /FILE_NAMING_RUL	위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를
	지정합니다.
E	FILE_NAMING_RULE 에 대한 자세한 포맷 정보는 <u>페이지</u> 를 참고할 수 있습
_	니다.
	FILE_NAMING_RULE: "I015_v070_erlo_pres_h000.%Y%m%d%H.gb2"
	PRES_1000 항목은 기상 자료의 band 를 의미합니다.
LDAPS /LDAPS	band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있으
/band_1	며, item_path 항목을 가집니다.
	band_1:
	item_path: "1"
	item_path 항목은 band 가 존재하는 경로를 나타냅니다.
LDAPS /LDAPS	LDAPS 의 경우 '[데이터 밴드 순서]' 값을 item_path 로 설정할 수 있습니다.
/band_1/item_path	데이터의 밴드 순서는 부록에서 확인할 수 있습니다.
	item_path: "1"
	execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다.
	execute 아래의 geocoding, order 항목을 통해 공간 해상도와 데이터 순서를
	설정할 수 있습니다.
	execute:
execute	geocoding: left_upper_pixelY: 0
	left_upper_pixel1: 0
	right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: LDAPS/LDAPS/band_1
	order: ["LDAPS/LDAPS/band_1"]
	geocoding 항목은 기상 자료의 공간 해상도를 의미합니다.
	geocoding 항목 아래의 left_upper_pixelY, left_upper_pixelX,
	right_lower_pixelY, right_lower_pixelX, target 항목을 통해 기상 자료의 공간
	해상도 정보를 설정할 수 있으며, 라이브러리 실행 시 모든 기상 자료가 설
execute/geocoding	정된 공간 해상도로 interpolate 됩니다.
execute/geocoding	geocoding:
	left_upper_pixelY: 0
	left_upper_pixelX: 0 right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: LDAPS/LDAPS/band_1
execute/geocoding/le	left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니다.
ft_upper_pixelY	left_upper_pixelY: 0
execute/geocoding/le	left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다.
ft_upper_pixelX	left_upper_pixelX: 0
execute/geocoding/ri ght_lower_pixelY	right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다.
	-1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelY: -1
execute/geocoding/ri ght_lower_pixelX	right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다.
	-1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelX: -1
	target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다.
execute/geocoding/ta	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습
rget	니다.
rget	target: LDAPS/LDAPS/band_1

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execute/order	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.
	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있으
	며, order 항목에 포함되지 않은 데이터는 로드하지 않습니다.
	order: ["LDAPS/LDAPS/band_1"]

Table 6 config table

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4.1.6. GDAPS UM

아래는 GDAPS UM 기상자료를 사용할 경우의 Config yaml 예시 파일입니다.

```
GDAPS:

TYPE: GDAPS_UM

DATA_FOLDER: "data/GDAPS_UM/"

G128_PRES:

FILE_NAMING_RULE: "g128_v070_ergl_pres_h000.%Y%m%d%H.gb2"

band_1:

item_path: "1"

execute:

geocoding:

left_upper_pixelY: 0

left_upper_pixelX: 0

right_lower_pixelY: -1

right_lower_pixelX: -1

target: "GDAPS/G128_PRES/band_1"

order: ["GDAPS/G128_PRES/band_1"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

path	설명 및 예시
GDAPS	Config 파일 최상단에 있는 GDAPS는 데이터셋을 의미합니다. 데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 TYPE, DATA_FOLDER 등 항목을 가집니다. 각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로 안 에 위치해야 합니다.
	GDAPS: TYPE: GDAPS_UM DATA_FOLDER: "data/GDAPS_UM/" G128_PRES: FILE_NAMING_RULE: "g128_v070_ergl_pres_h000.%Y%m%d%H.gb2" band_1: item_path: "1"
GDAPS/TYPE	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다. GDAPS UM 의 경우 'GDAPS_UM'을 입력할 수 있습니다.
	TYPE: GDAPS_UM
GDAPS/DATA_FOL	DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경로를 나타냅니다.
DEK	DATA_FOLDER: "data/GDAPS_UM/"
GDAPS/G128_PRES	G128_PRES 항목은 기상 자료를 의미합니다. 기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설정 할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.
	G128_PRES: FILE_NAMING_RULE: "g128_v070_ergl_pres_h000.%Y%m%d%H.gb2" band_1: item_path: "1"

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	FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다.
GDAPS/G128_PRES /FILE_NAMING_RUL E	위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를
	지정합니다.
	FILE_NAMING_RULE 에 대한 자세한 포맷 정보는 <u>페이지</u> 를 참고할 수 있습
	니다.
	FILE_NAMING_RULE: "g128_v070_ergl_pres_h000.%Y%m%d%H.gb2"
	PRES_1000 항목은 기상 자료의 band 를 의미합니다.
	band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있으
GDAPS/G128_PRES	며, item_path 항목을 가집니다.
/band_1	band 1:
	item_path: "1"
	item_path 항목은 band 가 존재하는 경로를 나타냅니다.
	GDAPS UM 의 경우 '[데이터 밴드 순서]' 값을 item_path 로 설정할 수 있습
GDAPS/G128_PRES	니다.
/band_1/item_path	데이터의 밴드 순서는 부록에서 확인할 수 있습니다.
	item_path: "1"
	execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다.
	execute 아래의 geocoding, order 항목을 통해 공간 해상도와 데이터 순서를
	설정할 수 있습니다.
	execute:
	geocoding:
execute	left_upper_pixelY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: GDAPS/G128_PRES/band_1
	order: ["GDAPS/G128_PRES/band_1"]
	geocoding 항목은 기상 자료의 공간 해상도를 의미합니다.
	geocoding 항목 아래의 left_upper_pixelY, left_upper_pixelX,
	right_lower_pixelY, right_lower_pixelX, target 항목을 통해 기상 자료의 공간
	해상도 정보를 설정할 수 있으며, 라이브러리 실행 시 모든 기상 자료가 설
execute/geocoding	정된 공간 해상도로 interpolate 됩니다.
execute/geocoding	geocoding:
	left_upper_pixelY: 0
	left_upper_pixelX: 0 right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: GDAPS/G128_PRES/band_1
execute/geocoding/le	left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니다.
ft_upper_pixelY	left_upper_pixelY: 0
execute/geocoding/le	left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다.
ft_upper_pixelX	left_upper_pixelX: 0
	right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다.
execute/geocoding/ri	-1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
ght_lower_pixelY	right_lower_pixelY: -1
	right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다.
execute/geocoding/ri ght_lower_pixelX	-1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelX: -1
	target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다.
execute/geocoding/ta	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습
rget	니다.
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	target: GDAPS/G128_PRES/band_1
execute/order	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.
	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있으
	며, order 항목에 포함되지 않은 데이터는 로드하지 않습니다.
	order: ["GDAPS/G128_PRES/band_1"]

Table 7 config table

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4.1.7. GDAPS KIM

아래는 GDAPS KIM 기상자료를 사용할 경우의 Config yaml 예시 파일입니다.

```
GDAPS:

TYPE: GDAPS_KIM

DATA_FOLDER: "data/GDAPS_KIM/"

G128_NE36_PRES:

FILE_NAMING_RULE: "kim_g128_ne36_pres_h000.%Y%m%d%H.gb2"

band_1:

item_path: "1"

execute:

geocoding:

left_upper_pixelY: 0

left_upper_pixelX: 0

right_lower_pixelY: -1

right_lower_pixelX: -1

target: GDAPS/G128_NE36_PRES/band_1

order: ["GDAPS/G128_NE36_PRES/band_1"]
```

아래는 예시 Config 에 대한 설명과 작성 방법입니다.

path	설명 및 예시		
GDAPS	Config 파일 최상단에 있는 GDAPS는 데이터셋을 의미합니다. 데이터셋을 자유로운 이름으로 여러 개 설정할 수 있으며, 하위에 TYPE, DATA_FOLDER 등 항목을 가집니다.		
	각 데이터셋의 아래 있는 기상 자료들은 같은 포맷을 가지며 같은 경로 안에 위치해야 합니다.		
	GDAPS: TYPE: GDAPS_KIM		
	DATA_FOLDER: "data/GDAPS_KIM/" G128_NE36_PRES: FILE_NAMING_RULE: "kim_g128_ne36_pres_h000.%Y%m%d%H.gb2"		
	band_1: item_path: "1"		
GDAPS/TYPE	TYPE 항목은 데이터셋의 아래 있는 기상 자료들의 포맷을 나타냅니다. GDAPS KIM 의 경우 'GDAPS_KIM'을 입력할 수 있습니다.		
	TYPE: GDAPS_KIM		
GDAPS/DATA_FOL DER	DATA_FOLDER 항목은 데이터셋의 아래 있는 기상 자료들이 위치한 경로를 나타냅니다.		
	DATA_FOLDER: "data/GDAPS_KIM/"		
GDAPS/G128_NE36 _PRES	G128_NE36_PRES 항목은 기상 자료를 의미합니다.		
	기상 자료는 PRODUCTS 항목의 아래에 자유로운 이름으로 여러 개 설정		
	할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.		
	G128_NE36_PRES:		
	, , , , , , , , , , , , , , , , , , ,		
	=		
	할 수 있으며, 하위에 FILE_NAMING_RULE 항목을 가집니다.		

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	,
GDAPS/G128_NE36 _PRES/FILE_NAMIN G_RULE	FILE_NAMING_RULE 항목은 기상 자료의 이름을 나타냅니다. 위 global 항목에서 설정한 time 항목을 기반으로 각 시점의 기상 자료를 지정합니다.
	FILE_NAMING_RULE 에 대한 자세한 포맷 정보는 <u>페이지</u> 를 참고할 수 있습니다.
	FILE_NAMING_RULE: "kim_g128_ne36_pres_h000.%Y%m%d%H.gb2"
	band 1 항목은 기상 자료의 band 를 의미합니다.
GDAPS/G128_NE36	band 는 BAND 항목의 아래에 자유로운 이름으로 여러 개 설정할 수 있으
_PRES/band_1	며, item_path 항목을 가집니다.
	band_1:
	item_path: "1" item_path 항목은 band 가 존재하는 경로를 나타냅니다.
GDAPS/G128_NE36	GDAPS KIM 의 경우 '[데이터 밴드 순서]' 값을 item_path 로 설정할 수 있습
_PRES/band_1/item	니다.
_path	데이터의 밴드 순서는 부록에서 확인할 수 있습니다.
	item_path: "1"
	execute 항목에서는 기상 자료를 가공할 방법을 지정할 수 있습니다.
	execute 아래의 geocoding, order 항목을 통해 공간 해상도와 데이터 순서를
	설정할 수 있습니다.
	execute:
execute	geocoding:
execute	left_upper_pixelY: 0
	left_upper_pixelX: 0 right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: GDAPS/G128_NE36_PRES/band_1
	order: ["GDAPS/G128_NE36_PRES/band_1"]
	geocoding 항목은 기상 자료의 공간 해상도를 의미합니다.
	geocoding 항목 아래의 left_upper_pixelY, left_upper_pixelX,
	right_lower_pixelY, right_lower_pixelX, target 항목을 통해 기상 자료의 공간
	해상도 정보를 설정할 수 있으며, 라이브러리 실행 시 모든 기상 자료가 설
	정된 공간 해상도로 interpolate 됩니다.
execute/geocoding	geocoding:
	left_upper_pixelY: 0
	left_upper_pixelX: 0
	right_lower_pixelY: -1
	right_lower_pixelX: -1
	target: GDAPS/G128_NE36_PRES/band_1
execute/geocoding/le	left_upper_pixelY 항목은 공간 해상도의 좌상단 Y pixel 좌표를 의미합니다.
ft_upper_pixelY	left_upper_pixelY: 0
execute/geocoding/le	left_upper_pixelX 항목은 공간 해상도의 좌상단 X pixel 좌표를 의미합니다.
ft_upper_pixelX execute/geocoding/ri ght_lower_pixelY	left_upper_pixelX: 0
	right_lower_pixelY 항목은 공간 해상도의 우하단 Y pixel 좌표를 의미합니다1 로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelY: -1 right_lower_pixelX 항목은 공간 해상도의 우하단 X pixel 좌표를 의미합니다.
execute/geocoding/ri ght_lower_pixelX	right_lower_pixelx 양곡은 중간 해정도의 구하던 X pixel 좌표를 의미합니다. -1로 설정할 경우 기상 자료에서 설정할 수 있는 최고 범위로 설정됩니다.
	right_lower_pixelX: -1 target 항목은 공간 해상도 좌표를 설정할 기상 자료를 의미합니다.
execute/geocoding/ta	target 양국은 중간 해정도 좌표를 설정할 기정 자료를 의미합니다. 설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있습
rget	설정 파일 장단의 Dataset 아래 기장 자료의 band 경도를 신력할 수 있답 니다.

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	target: GDAPS/G128_NE36_PRES/band_1		
execute/order	order 항목은 DataLoader에서 데이터를 로드할 순서를 의미합니다.		
	설정 파일 상단의 Dataset 아래 기상 자료의 band 경로를 선택할 수 있으		
	며, order 항목에 포함되지 않은 데이터는 로드하지 않습니다.		
	order: ["GDAPS/G128_NE36_PRES/band_1"]		

Table 8 config table

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4.2. 기상자료 혼합 Config yaml 파일 예시

아래는 GDAPS UM 기상자료와 LDAPS 기상자료를 동시에 사용할 경우의 Config 예시 파일입니다. 다른 자료 역시 아래와 같은 방법으로 혼합하여 사용할 수 있습니다.

```
GDAPS:
 TYPE: GDAPS UM
 DATA_FOLDER: "data/GDAPS UM/"
 G128 PRES:
   FILE NAMING RULE: "g128 v070 ergl pres h000.%Y%m%d%H.gb2"
  band 1:
     item path: "1"
LDAPS:
 TYPE: LDAPS
 DATA FOLDER: "data/LDAPS/"
   FILE NAMING RULE: "1015 v070 erlo pres h000.%Y%m%d%H.gb2"
  band 1:
     item path: "1"
execute:
 geocoding:
   left_upper_pixelY: 0
   left_upper_pixelX: 0
  right_lower_pixelY: -1
right_lower_pixelX: -1
  target: "LDAPS/LDAPS/band 1"
 order: ["GDAPS/G128_PRES/band_1", "LDAPS/LDAPS/band_1"]
```

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4.3. Initialize 방법

Config 작성 후 파이썬을 통해 Data Loader 를 initialize 할 수 있습니다. Data Loader 는 파이썬 코드에서 import 한 뒤 아래 와 같이 initialize 할 수 있습니다.

```
from MetDL.dataloader.dataloader import DataLoader

dataloader = DataLoader.initialize(config="conf/GK2A_AMI_L1B.yaml",
   timeStart="20210510_0000", timeEnd="20210510_0000", timeParser="%Y%m%d_%H%M",
   timeDelta=10)
```

Code Block 1 python

위 코드에 포함된 인자들은 필수로 입력해야 하는 인자들입니다. 아래는 선택적으로 입력할 수 있는 인자가 모두 포함된 경우의 사용 예시입니다.

Code Block 2 python

아래는 DataLoader initialize 에서 사용 가능한 모든 인자에 대한 설명입니다.

path	type	설명
config	String	기상 자료 정보가 기록된 config 파일 경로
batchSize	int, optional	한 번에 로드할 데이터 샘플 개수 (default value: 1)
timeStart	string	데이터를 열람할 시간대의 시작 시점
timeEnd	string	데이터를 열람할 시간대의 종료 시점
timeParser	string	time_start, time_end 인자 파싱 방법
timeDelta	int	데이터를 열람할 시간대의 단위.1분 단위로 입력 가능
windowWidth	int, optional	window sliding 을 적용할 window 의 넓이 (default value: pixel_number)

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windowHeight	int,	window sliding 을 적용할 window 의 높이 (default value:
windowStride	optional int,	line_number) window sliding 을 적용할 window 의 간격 (default value: 1)
WITH THE THE THE THE THE THE THE THE THE T	optional	window Silding 로 ㄱㅇㄹ window ∽ 전 (deladit value. I)
sequenceLength	int, optional	sequence 를 적용할 시계열의 길이 (default value: 1)
interpolateMethod	string, optional	데이터 영역을 interpolate 할 방법 (default value: 'nearest') interpolate 할 경우 • interpolate_method 에 'nearest', 'linear', 'cubic' 중 하나를 입력 interpolate 하지 않을 경우 • pixel_number, line_number 에 원본 데이터의 크기를 입력 • interpolate_method 에 'skip' 입력
cacheQueue	int, optional	라이브러리 메모리에 저장할 cache 데이터의 길이 (default value: 1) config 파일에 존재하는 Band 수* sequence_length 값을 입력하는 것을 권장
cacheDirectory	string, optional	파일 시스템에 저장할 cache 데이터 경로 (default value: "") 가공한 데이터를 지정된 경로에 저장. 존재하지 않는 경로를 입력 시 그 디렉토리를 생성 후 저장
useCache	bool, optianal	파일 시스템에 저장된 cache 데이터 사용 여부 (default value: False) True 로 설정할 경우, cache_directory 에서 cache 데이터를 찾아 사용
saveCache	bool, optional	파일 시스템에 cache 데이터 저장 여부 (default value: False) True 로 설정할 경우, cache_directory 에 cache 데이터를 저장
replaceNanValue	string/int, optional	데이터의 nan 영역 치환 방법 (default value: 'median') median
timeInterpolate	string/ method/ numpy value, optional	빈 시간대 데이터를 interpolate 할 방법(default value: 'error') method • method 로 설정한 경우 method 를 통해 빈 시간대 데이터 를 계산 numpy value • numpy value 로 설정한 경우 빈 시간대 데이터를 numpy value 값으로 대체 error • 'error'로 설정한 경우 빈 시간대 데이터 존재 시 에러 발생
preprocess_fn	list, optional	사용자 정의 전처리 메소드 (default value: []) 데이터에 특정 전처리 메소드를 추가하는 방법 preprocess_fn 은 python list 안에 method 가 들어가 있는 형태이며,

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		각 method 는 numpy array 를 입력으로 받고 같은 shape 의 array 를 출력해야 함 preprocess_fn 은 마지막 데이터 가공 절차이며, 기상 자료의 데이 터 밴드에 개별적으로 적용
gk2aAmiCalibrati onTable	string, optional	GK2A AMI Reader gain/composite 메타데이터 경로 (defalut value: None) 메타데이터 경로를 지정할 경우 지정한 메타데이터 사용지정하지 않을 경우 기본 메타데이터 사용메타데이터에 대한 설명은 부록 참조

Table 9 argument table

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4.4. Data Loader 사용 방법

Initialize 완료된 Data Loader 는 반복문을 통해 데이터를 로드할 수 있습니다. Data Loader 는 입력한 기상 자료를 가공한 뒤 데이터를 제공합니다. 아래는 기상 자료가 AI 확장 라이브러리를 통해 변환되는 과정의 예시입니다.

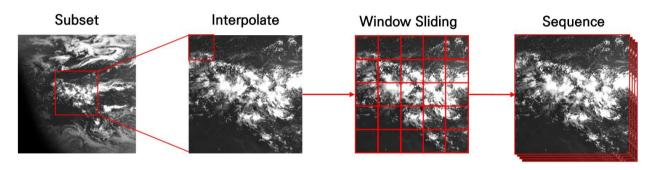


Figure 4 AI 확장 라이브러리 데이터 가공 그림

아래는 각 데이터 가공 과정에 대한 설명입니다.

	-11-1-1-1-7	
	데이터 가공	설명
	절차	된 0
	Cubaat	데이터에서 필요한 영역을 자릅니다.
1	Subset	● 원본 데이터에서 lu_lat, lu_lon, rl_lat, rl_lon 영역은 subset
		subset 된 데이터를 원하는 크기로 변환합니다.
2	Interpolate	● subset 된 영역을 line_number, pixel_number 크기로 interpolate
-	interpolate	Interpolate 된 데이터는 lu_lat, lu_lon, rl_lat, rl_lon 영역에서 line_number,
		pixel_number 격자를 가지는 WGS84 좌표계를 사용합니다.
	Window	큰 데이터를 여러 조각으로 분할합니다.
		● interpolate 된 데이터를 window_height, window_width 크기 window,
3		window_stride 간격으로 분할
	Sliding	예시 그림에서는 window_height = line_number / 5, window_width = pixel_number /
		5, window_stride = line_number / 5 로 설정합니다.
		여러 시간대 데이터를 하나로 묶습니다.
		• 설정된 sequence_length 에 따라 데이터 묶음
4	Soguence	Sequence 에 따른 데이터의 예시
4	Sequence	• 첫 번째 Sequence 는 첫 번째, 두 번째 시간대 데이터 묶음
		• 두 번째 Sequence 는 두 번째, 세 번째 시간대 데이터 묶음
		• n 번째 Sequence 는 n 번째, n+1 번째 시간대 데이터 묶음

Table 10 AI 확장 라이브러리 데이터 가공 표

DataLoader 에서는 위와 같은 가공 과정을 거쳐 데이터가 로드됩니다. 예시 그림과 같은 설정에서 반복문 진행에 따른 데이터 진행 방향은 아래와 같습니다.

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- Iter 1: 첫 번째 sequence 에서 첫 번째 window 데이터 로드
- Iter 2: 첫 번째 sequence 에서 두 번째 window 데이터 로드
- ...
- Iter 26: 두 번째 sequence 에서 첫 번째 window 데이터 로드
- ..
- Iter n: 마지막 sequence 에서 마지막 window 데이터 로드

모든 데이터가 로드된 뒤 DataLoader 반복문이 종료됩니다. 사용자는 이 데이터들을 바로 딥 러닝 모델 입력 데이터로 사용할 수 있습니다. 아래는 Data Loader 를 사용하는 예시입니다.

Code Block 3 python

Al 확장 라이브러리의 Data Loader 는 기상 자료 데이터와 기상 자료 데이터의 nan 영역을 출력합니다. 기상 자료 데이터는 nan 이 치환된 float array 이고, mask 는 기상 자료 데이터와 같은 shape 의 bool array 입니다. 데이터 shape 는 (batch_size, sequence_length, band 수, window_height, window_width) 입니다.

```
for (data, mask) in dataloader:
   numpy_data = data.detach().cpu().numpy()
   numpy_mask = mask.detach().cpu().numpy()
   print(numpy_data, numpy_mask)
```

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Pytorch Tensor 대신 Numpy array 자료형으로 값을 사용하고 싶다면 위와 같이 detach().cpu().numpy() 코드를 추가해 Numpy array 로 값을 변환할 수 있습니다.

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5. 부록

5.1. 1. LDAPS

이 절에서는 LDAPS UM 데이터의 band 별 정보를 설명한다.

5.1.1. I015_v070_erlo_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs

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22	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
25	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
26	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
27	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
28	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
29	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
30	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
31	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
32	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
33	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
34	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
35	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
36	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
37	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
38	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
39	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
40	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
41	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
42	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
43	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
44	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
45	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
46	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
47	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
48	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
49	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
50	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
51	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
52	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
53	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
54	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs

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U component of wind							
Component of wind m s**-1 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs		U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
Second	56	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
U component of wind	57	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
Formula Form	58	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
62 V component of wind ms**-1 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 62 V component of wind ms**-1 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 63 U component of wind ms**-1 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 64 V component of wind ms**-1 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 65 U component of wind ms**-1 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 66 V component of wind ms**-1 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 67 U component of wind ms**-1 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 68 V component of wind ms**-1 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 69 U component of wind ms**-1 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 69 U component of wind ms**-1 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 70 V component of wind ms**-1 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 71 U component of wind ms**-1 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 72 V component of wind ms**-1 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 73 Geopotential Height gpm (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 74 Geopotential Height gpm (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 75 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 76 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 77 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 78 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 79 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 78 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 79 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 96 Geopotential Height gpm (instant) lambert isobaricIn	59	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
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Geopotential Height gpm (instant) lambert isobaricInhPa level 1000 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs	71	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
Geopotential Height gpm (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs Industry isobaricInhPa level 800 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs	72	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs	73	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
Geopotential Height gpm (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs Geopotential Height gpm (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
77 Geopotential Height gpm (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 78 Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 79 Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 80 Geopotential Height gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 81 Geopotential Height gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 82 Geopotential Height gpm (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 83 Geopotential Height gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs 84 Geopotential Height gpm (instant) lambert isobaricInhPa level 660 hPa fcst time 0 hrs 85 Geopotential Height gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs 86 Geopotential Height gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 87 Instant I	75	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
Geopotential Height gpm (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs lambert level 850 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs lambert level 800 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert lisobaricInhPa level 700 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs	76	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs lambert isobaricInhPa level 800 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs	77	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
80Geopotential Heightgpm (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs81Geopotential Heightgpm (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs82Geopotential Heightgpm (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs83Geopotential Heightgpm (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs84Geopotential Heightgpm (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs85Geopotential Heightgpm (instant)lambertisobaricInhPalevel 550 hPafcst time 0 hrs86Geopotential Heightgpm (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs	78	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
81Geopotential Heightgpm (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs82Geopotential Heightgpm (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs83Geopotential Heightgpm (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs84Geopotential Heightgpm (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs85Geopotential Heightgpm (instant)lambertisobaricInhPalevel 550 hPafcst time 0 hrs86Geopotential Heightgpm (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs	79	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
82Geopotential Heightgpm (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs83Geopotential Heightgpm (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs84Geopotential Heightgpm (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs85Geopotential Heightgpm (instant)lambertisobaricInhPalevel 550 hPafcst time 0 hrs86Geopotential Heightgpm (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs	80	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
83Geopotential Heightgpm (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs84Geopotential Heightgpm (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs85Geopotential Heightgpm (instant)lambertisobaricInhPalevel 550 hPafcst time 0 hrs86Geopotential Heightgpm (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs	81	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
84Geopotential Heightgpm (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs85Geopotential Heightgpm (instant)lambertisobaricInhPalevel 550 hPafcst time 0 hrs86Geopotential Heightgpm (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs	82	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
85Geopotential Heightgpm (instant)lambertisobaricInhPalevel 550 hPafcst time 0 hrs86Geopotential Heightgpm (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs	83	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
86 Geopotential Height gpm (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
87 Geopotential Height gpm (instant) lambert isobaricInhPa level 450 hPa fcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
	87	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs

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88	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
89	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
90	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
91	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
92	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
93	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
94	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
95	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
96	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
97	Temperature	K (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
98	Temperature	K (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
99	Temperature	K (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
100	Temperature	K (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
101	Temperature	K (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
102	Temperature	K (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
103	Temperature	K (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
104	Temperature	K (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
105	Temperature	K (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
106	Temperature	K (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
107	Temperature	K (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
108	Temperature	K (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
109	Temperature	K (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
110	Temperature	K (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
111	Temperature	K (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
112	Temperature	K (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
113	Temperature	K (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
114	Temperature	K (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
115	Temperature	K (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
116	Temperature	K (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
117	Temperature	K (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
118	Temperature	K (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
119	Temperature	K (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
120	Temperature	K (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs

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121	194	194 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
122	194	194 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
123	194	194 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
124	194	194 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
125	194	194 (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
126	194	194 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
127	194	194 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
128	194	194 (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
129	194	194 (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
130	194	194 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
131	194	194 (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
132	194	194 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
133	194	194 (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
134	194	194 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
135	194	194 (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
136	194	194 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
137	194	194 (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
138	194	194 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
139	194	194 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
140	194	194 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
141	194	194 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
142	194	194 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
143	194	194 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
144	194	194 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
145	Relative humidity	% (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
146	Relative humidity	% (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
147	Relative humidity	% (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
148	Relative humidity	% (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
149	Relative humidity	% (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
150	Relative humidity	% (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
151	Relative humidity	% (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
152	Relative humidity	% (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
153	Relative humidity	% (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs

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154	Relative humidity	% (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
155	Relative humidity	% (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
156	Relative humidity	% (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
157	Relative humidity	% (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
158	Relative humidity	% (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
159	Relative humidity	% (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
160	Relative humidity	% (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
161	Relative humidity	% (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
162	Relative humidity	% (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
163	Relative humidity	% (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
164	Relative humidity	% (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
165	Relative humidity	% (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
166	Relative humidity	% (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
167	Relative humidity	% (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
168	Relative humidity	% (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs

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5.1.2. I015_v070_erlo_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	192	192 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
2	198	198 (avg)	lambert	heightAboveGround	level 2 m	fcst time -21474836472147483646 hrs (avg)
3	199	199 (avg)	lambert	heightAboveGround	level 2 m	fcst time -21474836472147483646 hrs (avg)
4	200	200 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
5	192	192 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
6	194	194 (avg)	lambert	nominalTop	level 0	fcst time -21474836472147483646 hrs (avg)
7	196	196 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
8	Large scale precipitation (non-convective)	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (accum)
9	Large scale snow	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (accum)
10	Large scale precipitation rate	kg m**-2 s**-1 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
11	Large scale snowfall rate	m s**-1 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
12	196	196 (instant)	lambert	unknown	level 0 220	fcst time 0 hrs
13	193	193 (avg)	lambert	depthBelowLandLayer	level 0 m	fcst time -21474836472147483646 hrs (avg)
14	192	192 (avg)	lambert	heightAboveGround	level 2 m	fcst time -21474836472147483646 hrs (avg)
15	10 metre U wind component	m s**-1 (instant)	lambert	heightAboveGround	level 10 m	fcst time 0 hrs
16	10 metre V wind component	m s**-1 (instant)	lambert	heightAboveGround	level 10 m	fcst time 0 hrs
17	194	194 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)

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18	194	194 (avg)	lambert	heightAboveGround	level 5 m	fcst time -21474836472147483646 hrs (avg)
19	195	195 (avg)	lambert	heightAboveGround	level 5 m	fcst time -21474836472147483646 hrs (avg)
20	Latent heat net flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
21	Temperature	K (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
22	Minimum temperature	K (min)	lambert	heightAboveGround	level 1.5 m	fcst time -21474836472147483646 hrs (min)
23	Maximum temperature	K (max)	lambert	heightAboveGround	level 1.5 m	fcst time -21474836472147483646 hrs (max)
24	Specific humidity	kg kg**-1 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
25	196	196 (accum)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (accum)
26	Relative humidity	% (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
27	Visibility	m (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
28	193	193 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
29	Dew point temperature	K (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
30	194	194 (instant)	lambert	heightAboveGround	level 0 m	fcst time 0 hrs
31	198	198 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
32	193	193 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
33	192	192 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
34	199	199 (instant)	lambert	surface	level 1	fcst time 0 hrs
35	199	199 (instant)	lambert	surface	level 2	fcst time 0 hrs
36	199	199 (instant)	lambert	surface	level 3	fcst time 0 hrs
37	199	199 (instant)	lambert	surface	level 4	fcst time 0 hrs
38	199	199 (instant)	lambert	surface	level 5	fcst time 0 hrs
39	199	199 (instant)	lambert	surface	level 6	fcst time 0 hrs
40	199	199 (instant)	lambert	surface	level 7	fcst time 0 hrs
41	199	199 (instant)	lambert	surface	level 8	fcst time 0 hrs
42	199	199 (instant)	lambert	surface	level 9	fcst time 0 hrs
43	195	195 (instant)	lambert	unknown	level 0 254	fcst time 0 hrs

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44	196	196 (instant)	lambert	surface	level 0	fcst time 0 hrs
45	197	197 (instant)	lambert	surface	level 0	fcst time 0 hrs
46	198	198 (instant)	lambert	surface	level 0	fcst time 0 hrs
47	198	198 (instant)	lambert	surface	level 1	fcst time 0 hrs
48	198	198 (instant)	lambert	surface	level 2	fcst time 0 hrs
49	198	198 (instant)	lambert	surface	level 3	fcst time 0 hrs
50	198	198 (instant)	lambert	surface	level 4	fcst time 0 hrs
51	198	198 (instant)	lambert	surface	level 5	fcst time 0 hrs
52	198	198 (instant)	lambert	surface	level 6	fcst time 0 hrs
53	198	198 (instant)	lambert	surface	level 7	fcst time 0 hrs
54	198	198 (instant)	lambert	surface	level 8	fcst time 0 hrs
55	198	198 (instant)	lambert	surface	level 9	fcst time 0 hrs
56	201	201 (instant)	lambert	surface	level 1	fcst time 0 hrs
57	201	201 (instant)	lambert	surface	level 2	fcst time 0 hrs
58	201	201 (instant)	lambert	surface	level 3	fcst time 0 hrs
59	201	201 (instant)	lambert	surface	level 4	fcst time 0 hrs
60	201	201 (instant)	lambert	surface	level 5	fcst time 0 hrs
61	201	201 (instant)	lambert	surface	level 6	fcst time 0 hrs
62	201	201 (instant)	lambert	surface	level 7	fcst time 0 hrs
63	201	201 (instant)	lambert	surface	level 8	fcst time 0 hrs
64	201	201 (instant)	lambert	surface	level 9	fcst time 0 hrs
65	195	195 (instant)	lambert	surface	level 1	fcst time 0 hrs
66	195	195 (instant)	lambert	surface	level 2	fcst time 0 hrs
67	195	195 (instant)	lambert	surface	level 3	fcst time 0 hrs
68	195	195 (instant)	lambert	surface	level 4	fcst time 0 hrs
69	195	195 (instant)	lambert	surface	level 5	fcst time 0 hrs
70	196	196 (instant)	lambert	surface	level 1	fcst time 0 hrs
71	196	196 (instant)	lambert	surface	level 2	fcst time 0 hrs
72	196	196 (instant)	lambert	surface	level 3	fcst time 0 hrs
73	196	196 (instant)	lambert	surface	level 4	fcst time 0 hrs
74	196	196 (instant)	lambert	surface	level 5	fcst time 0 hrs
75	197	197 (instant)	lambert	surface	level 1	fcst time 0 hrs
76	197	197 (instant)	lambert	surface	level 2	fcst time 0 hrs
	1 .0.	1 . or (motarity	Idiliboit	1 5411455	.57512	1000 0 1110

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77	197	197 (instant)	lambert	surface	level 3	fcst time 0 hrs
78	197	197 (instant)	lambert	surface	level 4	fcst time 0 hrs
79	197	197 (instant)	lambert	surface	level 5	fcst time 0 hrs
80	197	197 (instant)	lambert	surface	level 6	fcst time 0 hrs
81	197	197 (instant)	lambert	surface	level 7	fcst time 0 hrs
82	197	197 (instant)	lambert	surface	level 8	fcst time 0 hrs
83	197	197 (instant)	lambert	surface	level 9	fcst time 0 hrs
84	198	198 (instant)	lambert	surface	level 1	fcst time 0 hrs
85	198	198 (instant)	lambert	surface	level 2	fcst time 0 hrs
86	198	198 (instant)	lambert	surface	level 3	fcst time 0 hrs
87	198	198 (instant)	lambert	surface	level 4	fcst time 0 hrs
88	198	198 (instant)	lambert	surface	level 5	fcst time 0 hrs
89	198	198 (instant)	lambert	surface	level 6	fcst time 0 hrs
90	198	198 (instant)	lambert	surface	level 7	fcst time 0 hrs
91	198	198 (instant)	lambert	surface	level 8	fcst time 0 hrs
92	198	198 (instant)	lambert	surface	level 9	fcst time 0 hrs
93	199	199 (instant)	lambert	surface	level 0	fcst time 0 hrs
94	199	199 (instant)	lambert	surface	level 1	fcst time 0 hrs
95	199	199 (instant)	lambert	surface	level 2	fcst time 0 hrs
96	199	199 (instant)	lambert	surface	level 3	fcst time 0 hrs
97	199	199 (instant)	lambert	surface	level 4	fcst time 0 hrs
98	199	199 (instant)	lambert	surface	level 5	fcst time 0 hrs
99	Maximum wind speed	m s**-1 (max)	lambert	heightAboveGround	level 0 m	fcst time -21474836472147483646 hrs (max)
100	193	193 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
101	Snow melt	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (accum)
102	203	203 (instant)	lambert	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
103	203	203 (instant)	lambert	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
104	203	203 (instant)	lambert	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
105	203	203 (instant)	lambert	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs

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106	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
107	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
108	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
109	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
110	204	204 (instant)	lambert	surface	level 0	fcst time 0 hrs
111	205	205 (instant)	lambert	surface	level 0	fcst time 0 hrs
112	209	209 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
113	Low cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
114	Medium cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
115	High cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
116	210	210 (instant)	lambert	unknown	level 0 196	fcst time 0 hrs
117	211	211 (instant)	lambert	unknown	level 0 196	fcst time 0 hrs
118	212	212 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
119	213	213 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
120	214	214 (instant)	lambert	surface	level 0	fcst time 0 hrs
121	215	215 (instant)	lambert	meanSea	level 0	fcst time 0 hrs
122	216	216 (instant)	lambert	isothermZero	level 0	fcst time 0 hrs
123	217	217 (instant)	lambert	heightAboveGround	level 0 m	fcst time 0 hrs
124	197	197 (min)	lambert	heightAboveGround	level 50 m	fcst time -21474836472147483646 hrs (min)
125	198	198 (min)	lambert	heightAboveGround	level 50 m	fcst time -21474836472147483646 hrs (min)
126	197	197 (max)	lambert	heightAboveGround	level 50 m	fcst time -21474836472147483646 hrs (max)
127	198	198 (max)	lambert	heightAboveGround	level 50 m	fcst time -21474836472147483646 hrs (max)
128	Pressure reduced to MSL	Pa (instant)	lambert	meanSea	level 0	fcst time 0 hrs
129	197	197 (accum)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (accum)
130	Temperature	K (instant)	lambert	surface	level 0	fcst time 0 hrs
131	Planetary boundary layer height	m (instant)	lambert	unknown	level 0 220	fcst time 0 hrs

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132	Surface roughness	m (instant)	lambert	surface	level 0	fcst time 0 hrs
133	Land-sea mask	(0 - 1) (instant)	lambert	surface	level 0	fcst time 0 hrs
134	192	192 (instant)	lambert	surface	level 0	fcst time 0 hrs
135	Geometrical height	m (instant)	lambert	surface	level 0	fcst time 0 hrs
136	Surface pressure	Pa (instant)	lambert	surface	level 0	fcst time 0 hrs

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5.2. GDAPS UM

이 절에서는 GDAPS UM 데이터의 band 별 정보를 설명한다.

5.2.1. G100_v070_erea_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs

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26	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
27	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
28	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
29	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
30	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
31	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
32	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
33	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
34	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
35	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
36	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
37	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
38	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
39	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
40	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
41	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
42	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
43	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
44	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
45	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
46	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
47	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
48	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
49	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
50	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
51	U component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
52	U component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
53	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
54	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
55	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
56	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
57	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
58	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs

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59	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
60	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
61	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
62	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
63	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
64	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
65	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
66	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
67	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
68	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
69	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
70	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
71	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
72	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
73	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
74	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
75	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
76	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
77	V component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
78	V component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
79	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
80	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
81	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
82	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
83	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
84	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
85	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
86	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
87	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
88	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
89	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
90	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
91	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs

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92	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
93	Geopotential Height	gpm (instant)	regular II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
94	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
95	Geopotential Height	gpm (instant)	regular II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
96	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
97	Geopotential Height	gpm (instant)	regular II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
98	Geopotential Height	gpm (instant)	regular II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
99	Geopotential Height	0, ,		isobaricInhPa	level 5 hPa	fcst time 0 hrs
100	Ü	gpm (instant)	regular_ll		level 3 hPa	
	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa		fcst time 0 hrs
101	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
102	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
103	Geopotential Height	gpm (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
104	Geopotential Height	gpm (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
105	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
106	Temperature	K (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
107	Temperature	K (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
108	Temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
109	Temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
110	Temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
111	Temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
112	Temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
113	Temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
114	Temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
115	Temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
116	Temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
117	Temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
118	Temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
119	Temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
120	Temperature	K (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
121	Temperature	K (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
122	Temperature	K (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
123	Temperature	K (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
124	Temperature	K (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs

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125	Temperature	K (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
126	Temperature	K (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
127	Temperature	K (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
128	Temperature	K (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
129	Temperature	K (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
130	Temperature	K (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
131	194	194 (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
132	194	194 (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
133	194	194 (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
134	194	194 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
135	194	194 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
136	194	194 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
137	194	194 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
138	194	194 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
139	194	194 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
140	194	194 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
141	194	194 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
142	194	194 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
143	194	194 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
144	194	194 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
145	194	194 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
146	194	194 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
147	194	194 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
148	194	194 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
149	194	194 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
150	200	200 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
151	200	200 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
152	200	200 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
153	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
154	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
155	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
156	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
157	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs

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158	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
159	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
160	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
161	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
162	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
163	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
164	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
165	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
166	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
167	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
168	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
169	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
170	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
171	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs

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5.2.2. G100_v070_erea_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
2	193	193 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
3	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
4	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
5	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
6	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
7	198	198 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
8	199	199 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
9	200	200 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
10	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
11	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
12	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
13	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
14	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
15	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
16	Large scale precipitation (non-	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	convective)					(accum)
17	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
18	Large scale precipitation rate	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
19	Large scale snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
20	Standard deviation of height	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
21	192	192 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
22	193	193 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
23	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
24	193	193 (avg)	regular_ll	depthBelowLandLayer	level 0 m	fcst time -21474836452147483642 hrs (avg)
25	192	192 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
26	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
27	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
28	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
29	194	194 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
30	195	195 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
31	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
32	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
33	195	195 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
34	192	192 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
35	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	<u> </u>					
						(avg)
36	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
37	Latent heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
38	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
39	Temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
40	Minimum temperature	K (min)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (min)
41	Maximum temperature	K (max)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (max)
42	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
43	196	196 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
44	Relative humidity	% (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
45	Visibility	m (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
46	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
47	Dew point temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
48	194	194 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
49	198	198 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
50	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
51	199	199 (instant)	regular_ll	surface	level 1	fcst time 0 hrs
52	193	193 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
53	194	194 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
54	Maximum wind speed	m s**-1 (max)	regular_ll	heightAboveGround	level 0 m	fcst time -21474836452147483642 hrs (max)
55	Frictional velocity	m s**-1 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
56	Convective precipitation (water)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
57	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)

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58	Convective precipitation rate	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
59	Convective snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
60	200	200 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
61	201	201 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
62	202	202 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
63	203	203 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
64	Mean total precipitation flux	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
65	Convective available potential energy	J kg**-1 (max)	regular_ll	entireAtmosphere	level 0	fcst time -21474836452147483642 hrs (max)
66	204	204 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
67	205	205 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
68	206	206 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
69	207	207 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
70	208	208 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
71	Total precipitation	kg m-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
72	195	195 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
73	196	196 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
74	Convective cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
75	Snow melt	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
76	200	200 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
77	201	201 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
78	Soil moisture content	kg m**-2 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
79	202	202 (instant)	regular_ll	unknown	level 0 197	fcst time 0 hrs
80	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs

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81	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
82	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
83	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
84	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
85	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
86	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
87	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
88	Low cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
89	Medium cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
90	High cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
91	210	210 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
92	211	211 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
93	212	212 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
94	213	213 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
95	216	216 (instant)	regular_ll	isothermZero	level 0	fcst time 0 hrs
96	217	217 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
97	197	197 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
98	198	198 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
99	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
100	197	197 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
101	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
102	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
103	Surface roughness	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
104	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
105	192	192 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
106	Geometrical height	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
107	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs

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5.2.3. G120_v070_erea_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Potential vorticity	K m**2 kg**-1 s**-1 (instant)	lambert	theta	level 330 theta	fcst time 0 hrs
2	Potential vorticity	K m**2 kg**-1 s**-1 (instant)	lambert	theta	level 315 theta	fcst time 0 hrs
3	Potential vorticity	K m**2 kg**-1 s**-1 (instant)	lambert	theta	level 300 theta	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
26	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
27	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
28	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
29	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
30	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs

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32U component of windm s**-1 (instant)lambertisobaricInhPalev33V component of windm s**-1 (instant)lambertisobaricInhPalev34U component of windm s**-1 (instant)lambertisobaricInhPalev35V component of windm s**-1 (instant)lambertisobaricInhPalev36U component of windm s**-1 (instant)lambertisobaricInhPalev37V component of windm s**-1 (instant)lambertisobaricInhPalev	vel 950 hPa vel 950 hPa vel 925 hPa vel 925 hPa vel 900 hPa vel 900 hPa	fcst time 0 hrs
33V component of windm s**-1 (instant)lambertisobaricInhPalev34U component of windm s**-1 (instant)lambertisobaricInhPalev35V component of windm s**-1 (instant)lambertisobaricInhPalev36U component of windm s**-1 (instant)lambertisobaricInhPalev37V component of windm s**-1 (instant)lambertisobaricInhPalev	vel 950 hPa vel 925 hPa vel 925 hPa vel 900 hPa vel 900 hPa	fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs
34U component of windm s**-1 (instant)lambertisobaricInhPalev35V component of windm s**-1 (instant)lambertisobaricInhPalev36U component of windm s**-1 (instant)lambertisobaricInhPalev37V component of windm s**-1 (instant)lambertisobaricInhPalev	vel 925 hPa vel 925 hPa vel 900 hPa vel 900 hPa	fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs
35V component of windm s**-1 (instant)lambertisobaricInhPalev36U component of windm s**-1 (instant)lambertisobaricInhPalev37V component of windm s**-1 (instant)lambertisobaricInhPalev	vel 925 hPa vel 900 hPa vel 900 hPa	fcst time 0 hrs fcst time 0 hrs
36 U component of wind m s**-1 (instant) lambert isobaricInhPa lev 37 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 900 hPa vel 900 hPa	fcst time 0 hrs
37 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 900 hPa	
		(, , , , , , , , , , , , , , , , , , ,
38 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vol 875 hPa	fcst time 0 hrs
to compensate with the control of th	vei 0/3 ili a	fcst time 0 hrs
39 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 875 hPa	fcst time 0 hrs
40 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 850 hPa	fcst time 0 hrs
41 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 850 hPa	fcst time 0 hrs
42 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 800 hPa	fcst time 0 hrs
43 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 800 hPa	fcst time 0 hrs
44 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 750 hPa	fcst time 0 hrs
	vel 750 hPa	fcst time 0 hrs
46 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 700 hPa	fcst time 0 hrs
47 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 700 hPa	fcst time 0 hrs
48 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 650 hPa	fcst time 0 hrs
49 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 650 hPa	fcst time 0 hrs
50 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 600 hPa	fcst time 0 hrs
51 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 600 hPa	fcst time 0 hrs
52 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 550 hPa	fcst time 0 hrs
53 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 550 hPa	fcst time 0 hrs
54 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 500 hPa	fcst time 0 hrs
55 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 500 hPa	fcst time 0 hrs
56 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 450 hPa	fcst time 0 hrs
57 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 450 hPa	fcst time 0 hrs
58 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 400 hPa	fcst time 0 hrs
59 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 400 hPa	fcst time 0 hrs
	vel 350 hPa	fcst time 0 hrs
	vel 350 hPa	fcst time 0 hrs
62 U component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 300 hPa	fcst time 0 hrs
63 V component of wind m s**-1 (instant) lambert isobaricInhPa lev	vel 300 hPa	fcst time 0 hrs

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64	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
65	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
66	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
67	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
68	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
69	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
70	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
71	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
72	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
73	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
74	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
75	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
76	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
77	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
78	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
79	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
80	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
81	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
82	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
83	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
84	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
85	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
86	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
87	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
88	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
89	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
90	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
91	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
92	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
93	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
94	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
95	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
96	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs

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97	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
98	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
99	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
100	Temperature	K (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
101	Temperature	K (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
102	Temperature	K (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
103	Temperature	K (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
104	Temperature	K (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
105	Temperature	K (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
106	Temperature	K (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
107	Temperature	K (instant)	lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
108	Temperature	K (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
109	Temperature	K (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
110	Temperature	K (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
111	Temperature	K (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
112	Temperature	K (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
113	Temperature	K (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
114	Temperature	K (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
115	Temperature	K (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
116	Temperature	K (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
117	Temperature	K (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
118	Temperature	K (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
119	Temperature	K (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
120	Temperature	K (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
121	Temperature	K (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
122	Temperature	K (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
123	Temperature	K (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
124	194	194 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
125	194	194 (instant)	lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
126	194	194 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
127	194	194 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
128	194	194 (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
129	194	194 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs

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194	400	404	404 ()	I to select	Control of the Do	L1.050 L.D.	foot Care Olive
194	130	194	194 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
134 194 194 (instant) lambert isobaricInhPa level 600 hPa fost time 0 hrs 134 194 194 (instant) lambert isobaricInhPa level 650 hPa fost time 0 hrs 135 194 194 (instant) lambert isobaricInhPa level 600 hPa fost time 0 hrs 136 194 194 (instant) lambert isobaricInhPa level 550 hPa fost time 0 hrs 136 194 194 (instant) lambert isobaricInhPa level 550 hPa fost time 0 hrs 137 194 194 (instant) lambert isobaricInhPa level 550 hPa fost time 0 hrs 138 194 194 (instant) lambert isobaricInhPa level 450 hPa fost time 0 hrs 139 194 194 (instant) lambert isobaricInhPa level 450 hPa fost time 0 hrs 139 194 194 (instant) lambert isobaricInhPa level 400 hPa fost time 0 hrs 140 194 194 (instant) lambert isobaricInhPa level 300 hPa fost time 0 hrs 141 194 194 (instant) lambert isobaricInhPa level 200 hPa fost time 0 hrs 142 194 194 (instant) lambert isobaricInhPa level 200 hPa fost time 0 hrs 143 194 194 (instant) lambert isobaricInhPa level 200 hPa fost time 0 hrs 144 194 194 (instant) lambert isobaricInhPa level 200 hPa fost time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 100 hPa fost time 0 hrs 148 200 200 (ins			194 (instant)		isobaricInhPa		fcst time 0 hrs
134 194 194 (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs 135 194 194 (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs 136 194 194 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 137 194 194 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 138 194 194 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 138 194 194 (instant) lambert isobaricInhPa level 450 hPa fcst time 0 hrs 139 194 194 (instant) lambert isobaricInhPa level 450 hPa fcst time 0 hrs 140 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 141 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 141 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 142 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 143 194 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 144 194 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 147 194 194 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 149 200 200 (instant			,	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
135 194 194 (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs 136 194 194 (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 137 194 194 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 138 194 194 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 138 194 194 (instant) lambert isobaricInhPa level 450 hPa fcst time 0 hrs 139 194 194 (instant) lambert isobaricInhPa level 450 hPa fcst time 0 hrs 140 194 instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 141 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 142 194 194 (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs 143 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 144 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 150 200 200 (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 151 Relative humidity % (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 152 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 153 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 154 Relative humidity % (instant) lambert isobaricInhPa level 950 h			194 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
136 194 194 (Instant)	134	194	194 (instant)	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
137 194 194 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 138 194 194 (instant) lambert isobaricInhPa level 400 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 400 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 141 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 550 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 194 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 194 194 194 (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 194	135	194	194 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
138 194 194 (instant) lambert isobaricInhPa level 450 hPa fcst time 0 hrs 139 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 140 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 141 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 142 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 143 194 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 144 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 147 194 194 (instant) lambert isobaricInhPa	136	194	194 (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
139 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 140 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 141 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 142 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 142 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 143 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 144 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 144 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 147 194 194 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 150 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 151 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 152 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 153 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 154 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 155 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 970 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 970 hPa fcst time 0 hrs 157 Relative humidity % (instant) la	137	194	194 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
140 194 194 (instant) lambert isobaricInhPa level 350 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs 142 194 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 143 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 144 194 194 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 147 194 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 150 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 151 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 152 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 153 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 154 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 155 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 980 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 980 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 870 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 870 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 870 hPa fcst time 0 hrs 168 Relative humidity % (instant) lambert i	138	194	194 (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
141 194 194 (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs 142 194 194 (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs 143 194 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 144 194 194 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 145 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 147 194 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 150 200 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 151 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 152 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 153 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 154 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 155 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 159 Relative humidity % (insta	139	194	194 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
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143 194 194 (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 650 hPa fcst time	141	194	194 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
194 (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 145 194 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 146 194 194 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 147 194 194 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 150 200 200 (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 151 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 152 Relative humidity % (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 153 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 154 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 155 Relative humidity % (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs	142	194	194 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
194 194 194 (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 194 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 995 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time 0 hrs 195 (instant) lambert isobaricInhPa level 895 hPa fcst time	143	194	194 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
194 194 194 (instant)	144	194	194 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
147 194 194 (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 148 200 200 (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 149 200 200 (instant) lambert isobaricInhPa level 700 hPa fcst time 0 hrs 150 200 (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs 151 Relative humidity % (instant) lambert isobaricInhPa level 1000 hPa fcst time 0 hrs 152 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 153 Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs 154 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 155 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 156 Relative humidity % (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 157 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 158 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 159 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant) lambert isobaricInhPa level 750 hPa fcst time 0 hrs 160 Relative humidity % (instant)	145	194	194 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
148200200 (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs149200200 (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs150200200 (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs151Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs152Relative humidity% (instant)lambertisobaricInhPalevel 975 hPafcst time 0 hrs153Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs154Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs155Relative humidity% (instant)lambertisobaricInhPalevel 900 hPafcst time 0 hrs156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	146	194	194 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
149200200 (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs150200200 (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs151Relative humidity% (instant)lambertisobaricInhPalevel 1000 hPafcst time 0 hrs152Relative humidity% (instant)lambertisobaricInhPalevel 975 hPafcst time 0 hrs153Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs154Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs155Relative humidity% (instant)lambertisobaricInhPalevel 900 hPafcst time 0 hrs156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	147	194	194 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
150200200 (instant)lambertisobaricInhPalevel 500 hPafcst time 0 hrs151Relative humidity% (instant)lambertisobaricInhPalevel 1000 hPafcst time 0 hrs152Relative humidity% (instant)lambertisobaricInhPalevel 975 hPafcst time 0 hrs153Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs154Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs155Relative humidity% (instant)lambertisobaricInhPalevel 900 hPafcst time 0 hrs156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	148	200	200 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
Relative humidity % (instant) lambert isobaricInhPa level 1000 hPa fcst time 0 hrs lambert isobaricInhPa level 975 hPa fcst time 0 hrs lambert isobaricInhPa level 950 hPa fcst time 0 hrs lambert isobaricInhPa level 950 hPa fcst time 0 hrs lambert isobaricInhPa level 950 hPa fcst time 0 hrs lambert isobaricInhPa level 925 hPa fcst time 0 hrs lambert isobaricInhPa level 900 hPa fcst time 0 hrs lambert isobaricInhPa level 900 hPa fcst time 0 hrs lambert isobaricInhPa level 875 hPa fcst time 0 hrs lambert isobaricInhPa level 875 hPa fcst time 0 hrs lambert isobaricInhPa level 875 hPa fcst time 0 hrs lambert isobaricInhPa level 850 hPa fcst time 0 hrs lambert isobaricInhPa level 850 hPa fcst time 0 hrs lambert isobaricInhPa level 800 hPa fcst time 0 hrs lambert isobaricInhPa level 800 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 650 hPa fcst time 0 hrs	149	200	200 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
Relative humidity % (instant) lambert isobaricInhPa level 975 hPa fcst time 0 hrs lambert isobaricInhPa level 950 hPa fcst time 0 hrs lambert isobaricInhPa level 950 hPa fcst time 0 hrs lambert isobaricInhPa level 925 hPa fcst time 0 hrs lambert isobaricInhPa level 900 hPa fcst time 0 hrs lambert isobaricInhPa level 900 hPa fcst time 0 hrs lambert isobaricInhPa level 875 hPa fcst time 0 hrs lambert isobaricInhPa level 875 hPa fcst time 0 hrs lambert isobaricInhPa level 875 hPa fcst time 0 hrs lambert isobaricInhPa level 850 hPa fcst time 0 hrs lambert isobaricInhPa level 850 hPa fcst time 0 hrs lambert isobaricInhPa level 800 hPa fcst time 0 hrs lambert isobaricInhPa level 800 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 750 hPa fcst time 0 hrs lambert isobaricInhPa level 700 hPa fcst time 0 hrs lambert isobaricInhPa level 700 hPa fcst time 0 hrs lambert isobaricInhPa level 700 hPa fcst time 0 hrs lambert isobaricInhPa level 650 hPa fcst time 0 hrs lambert isobaricInhPa level 650 hPa fcst time 0 hrs lambert isobaricInhPa level 650 hPa fcst time 0 hrs	150	200	200 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
152Relative humidity% (instant)lambertisobaricInhPalevel 975 hPafcst time 0 hrs153Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs154Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs155Relative humidity% (instant)lambertisobaricInhPalevel 900 hPafcst time 0 hrs156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	151	Relative humidity	% (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
154Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs155Relative humidity% (instant)lambertisobaricInhPalevel 900 hPafcst time 0 hrs156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	152	Relative humidity		lambert	isobaricInhPa	level 975 hPa	fcst time 0 hrs
154Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs155Relative humidity% (instant)lambertisobaricInhPalevel 900 hPafcst time 0 hrs156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	153	Relative humidity	% (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	154	Relative humidity		lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
156Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	155	Relative humidity	% (instant)	lambert	isobaricInhPa	level 900 hPa	fcst time 0 hrs
157Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	156	Relative humidity		lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
158Relative humidity% (instant)lambertisobaricInhPalevel 800 hPafcst time 0 hrs159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	157	Relative humidity		lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
159Relative humidity% (instant)lambertisobaricInhPalevel 750 hPafcst time 0 hrs160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	158	Relative humidity		lambert	isobaricInhPa	level 800 hPa	fcst time 0 hrs
160Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs161Relative humidity% (instant)lambertisobaricInhPalevel 650 hPafcst time 0 hrs	159	Relative humidity	% (instant)	lambert	isobaricInhPa	level 750 hPa	fcst time 0 hrs
161 Relative humidity % (instant) lambert isobaricInhPa level 650 hPa fcst time 0 hrs	160	Relative humidity		lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
	161	Relative humidity	, ,	lambert	isobaricInhPa	level 650 hPa	fcst time 0 hrs
	162	Relative humidity		lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs

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163	Relative humidity	% (instant)	lambert	isobaricInhPa	level 550 hPa	fcst time 0 hrs
164	Relative humidity	% (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
165	Relative humidity	% (instant)	lambert	isobaricInhPa	level 450 hPa	fcst time 0 hrs
166	Relative humidity	% (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
167	Relative humidity	% (instant)	lambert	isobaricInhPa	level 350 hPa	fcst time 0 hrs
168	Relative humidity	% (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
169	Relative humidity	% (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
170	Relative humidity	% (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
171	Relative humidity	% (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
172	Relative humidity	% (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
173	Relative humidity	% (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
174	Relative humidity	% (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs

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5.2.4. G120_v070_erea_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	192	192 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
2	193	193 (avg)	lambert	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
3	194	194 (avg)	lambert	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
4	195	195 (avg)	lambert	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
5	196	196 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
6	197	197 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
7	198	198 (avg)	lambert	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
8	199	199 (avg)	lambert	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
9	200	200 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
10	192	192 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
11	193	193 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
12	194	194 (avg)	lambert	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
13	195	195 (avg)	lambert	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
14	196	196 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
15	197	197 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
16	Large scale precipitation (non-	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs

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	convective)					(accum)
17	Large scale snow	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs
ļ.,	Large scale silen	` ` ′	idilibort	durido	1010.0	(accum)
18	Large scale precipitation rate	kg m**-2 s**-1	lambert	surface	level 0	fcst time -21474836472147483646 hrs
		(avg)				(avg) fcst time -21474836472147483646 hrs
19	Large scale snowfall rate	m s**-1 (avg)	lambert	surface	level 0	(ava)
20	Standard deviation of height	m (instant)	lambert	surface	level 0	fcst time 0 hrs
21	192	192 (instant)	lambert	heightAboveGround	level 20 m	fcst time 0 hrs
22	193	193 (instant)	lambert	heightAboveGround	level 20 m	fcst time 0 hrs
23	192	192 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
24	193	193 (avg)	lambert	depthBelowLandLayer	level 0 m	fcst time -21474836452147483642 hrs (avg)
25	192	192 (avg)	lambert	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
26	10 metre U wind component	m s**-1 (instant)	lambert	heightAboveGround	level 10 m	fcst time 0 hrs
27	10 metre V wind component	m s**-1 (instant)	lambert	heightAboveGround	level 10 m	fcst time 0 hrs
28	194	194 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
29	194	194 (avg)	lambert	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
30	195	195 (avg)	lambert	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
31	192	192 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
32	196	196 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
33	195	195 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
34	192	192 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (accum)
35	193	193 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs

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						(avg)
36	194	194 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
37	Latent heat net flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
38	197	197 (avg)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (avg)
39	Temperature	K (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
40	Minimum temperature	K (min)	lambert	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (min)
41	Maximum temperature	K (max)	lambert	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (max)
42	Specific humidity	kg kg**-1 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
43	196	196 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (accum)
44	Relative humidity	% (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
45	Visibility	m (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
46	193	193 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
47	Dew point temperature	K (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
48	194	194 (instant)	lambert	heightAboveGround	level 0 m	fcst time 0 hrs
49	198	198 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
50	193	193 (instant)	lambert	heightAboveGround	level 1.5 m	fcst time 0 hrs
51	199	199 (instant)	lambert	surface	level 1	fcst time 0 hrs
52	199	199 (instant)	lambert	surface	level 2	fcst time 0 hrs
53	199	199 (instant)	lambert	surface	level 3	fcst time 0 hrs
54	199	199 (instant)	lambert	surface	level 4	fcst time 0 hrs
55	199	199 (instant)	lambert	surface	level 5	fcst time 0 hrs
56	199	199 (instant)	lambert	surface	level 6	fcst time 0 hrs
57	199	199 (instant)	lambert	surface	level 7	fcst time 0 hrs
58	199	199 (instant)	lambert	surface	level 8	fcst time 0 hrs
59	199	199 (instant)	lambert	surface	level 9	fcst time 0 hrs
60	193	193 (instant)	lambert	surface	level 0	fcst time 0 hrs

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61	194	194 (instant)	lambert	surface	level 0	fcst time 0 hrs
62	Maximum wind speed	m s**-1 (max)	lambert	heightAboveGround	level 0 m	fcst time -21474836452147483642 hrs (max)
63	Frictional velocity	m s**-1 (instant)	lambert	heightAboveGround	level 0 m	fcst time 0 hrs
64	Convective precipitation (water)	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (accum)
65	Convective snow	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (accum)
66	Convective precipitation rate	kg m**-2 s**-1 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
67	Convective snowfall rate	m s**-1 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
68	200	200 (instant)	lambert	unknown	level 0 242	fcst time 0 hrs
69	201	201 (instant)	lambert	unknown	level 0 243	fcst time 0 hrs
70	202	202 (instant)	lambert	unknown	level 0 199	fcst time 0 hrs
71	203	203 (instant)	lambert	unknown	level 0 198	fcst time 0 hrs
72	Mean total precipitation flux	kg m**-2 s**-1 (avg)	lambert	surface	level 0	fcst time -21474836472147483646 hrs (avg)
73	Convective available potential energy	J kg**-1 (max)	lambert	entireAtmosphere	level 0	fcst time -21474836452147483642 hrs (max)
74	204	204 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
75	205	205 (instant)	lambert	unknown	level 0 242	fcst time 0 hrs
76	206	206 (instant)	lambert	unknown	level 0 243	fcst time 0 hrs
77	207	207 (instant)	lambert	unknown	level 0 199	fcst time 0 hrs
78	208	208 (instant)	lambert	unknown	level 0 198	fcst time 0 hrs
79	Total precipitation	kg m-2 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (accum)
80	195	195 (max)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (max)
81	196	196 (max)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (max)
82	Convective cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
83	Snow melt	kg m**-2 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs

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						(accum)
84	200	200 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs
04	200	200 (accuiii)	lambert	Surface	level 0	(accum)
85	201	201 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs
		` ,				(accum)
86	Soil moisture content	kg m**-2 (instant)	lambert	surface	level 0	fcst time 0 hrs
87	202	202 (instant)	lambert	unknown	level 0 197	fcst time 0 hrs
88	203	203 (instant)	lambert	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
89	203	203 (instant)	lambert	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
90	203	203 (instant)	lambert	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
91	203	203 (instant)	lambert	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
92	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
93	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
94	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
95	Soil Temperature	K (instant)	lambert	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
96	Low cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
97	Medium cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
98	High cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
99	210	210 (instant)	lambert	unknown	level 0 196	fcst time 0 hrs
100	211	211 (instant)	lambert	unknown	level 0 196	fcst time 0 hrs
101	212	212 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
102	213	213 (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
103	216	216 (instant)	lambert	isothermZero	level 0	fcst time 0 hrs
104	217	217 (instant)	lambert	heightAboveGround	level 0 m	fcst time 0 hrs
105	197	197 (instant)	lambert	heightAboveGround	level 50 m	fcst time 0 hrs
106	198	198 (instant)	lambert	heightAboveGround	level 50 m	fcst time 0 hrs
107	Pressure reduced to MSL	Pa (instant)	lambert	meanSea	level 0	fcst time 0 hrs
108	197	197 (accum)	lambert	surface	level 0	fcst time -21474836452147483642 hrs (accum)

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109	Temperature	K (instant)	lambert	surface	level 0	fcst time 0 hrs
110	Planetary boundary layer height	m (instant)	lambert	unknown	level 0 220	fcst time 0 hrs
111	Surface roughness	m (instant)	lambert	surface	level 0	fcst time 0 hrs
112	Land-sea mask	(0 - 1) (instant)	lambert	surface	level 0	fcst time 0 hrs
113	192	192 (instant)	lambert	surface	level 0	fcst time 0 hrs
114	Geometrical height	m (instant)	lambert	surface	level 0	fcst time 0 hrs
115	Surface pressure	Pa (instant)	lambert	surface	level 0	fcst time 0 hrs

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5.2.5. G128_v070_ergl_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
26	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
27	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
28	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
29	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
30	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs

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24	I Learnanant of wind	m a** 1 (instant)	rogulor II	icabarialahDa	loval 700 hDa	foot time O bro
31	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
32	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
33	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
34	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
35	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
36	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
37	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
38	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
39	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
40	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
41	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
42	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
43	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
44	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
45	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
46	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
47	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
48	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
49	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
50	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
51	U component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
52	U component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
53	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
54	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
55	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
56	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
57	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
58	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
59	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
60	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
61	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
62	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
63	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs

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			1			
64	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
65	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
66	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
67	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
68	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
69	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
70	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
71	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
72	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
73	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
74	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
75	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
76	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
77	V component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
78	V component of wind	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
79	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
80	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
81	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
82	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
83	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
84	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
85	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
86	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
87	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
88	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
89	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
90	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
91	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
92	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
93	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
94	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
95	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
96	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs

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97	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
98	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
99	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
100	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
101	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
102	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
103	Geopotential Height	gpm (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
104	Geopotential Height	gpm (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
105	Temperature	K (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
106	Temperature	K (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
107	Temperature	K (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
108	Temperature	K (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
109	Temperature	K (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
110	Temperature	K (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
111	Temperature	K (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
112	Temperature	K (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
113	Temperature	K (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
114	Temperature	K (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
115	Temperature	K (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
116	Temperature	K (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
117	Temperature	K (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
118	Temperature	K (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
119	Temperature	K (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
120	Temperature	K (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
121	Temperature	K (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
122	Temperature	K (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
123	Temperature	K (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
124	Temperature	K (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
125	Temperature	K (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
126	Temperature	K (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
127	Temperature	K (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
128	Temperature	K (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
129	Temperature	K (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs

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130	Temperature	K (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
131	194	194 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
132	194	194 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
133	194	194 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
134	194	194 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
135	194	194 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
136	194	194 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
137	194	194 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
138	194	194 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
139	194	194 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
140	194	194 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
141	194	194 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
142	194	194 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
143	194	194 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
144	194	194 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
145	194	194 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
146	194	194 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
147	194	194 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
148	194	194 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
149	194	194 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
150	200	200 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
151	200	200 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
152	200	200 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
153	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
154	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
155	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
156	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
157	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
158	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
159	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
160	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
161	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
162	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs

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163	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
164	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
165	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
166	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
167	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
168	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
169	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
170	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
171	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs

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5.2.6. G128_v070_ergl_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
2	193	193 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
3	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
4	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
5	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
6	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
7	198	198 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
8	199	199 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
9	200	200 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
10	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
11	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
12	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
13	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
14	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
15	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
16	Large scale precipitation (non-	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	convective)					(accum)
17	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs
ļ.,	Large scale silen	, ,	rogular_n	durido	101010	(accum)
18	Large scale precipitation rate	kg m**-2 s**-1	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs
		(avg)	<u> </u>			(avg) fcst time -21474836472147483646 hrs
19	Large scale snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	(avg)
20	Standard deviation of height	m (instant)	regular II	surface	level 0	fcst time 0 hrs
21	192	192 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
22	193	193 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
23	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
24	193	193 (avg)	regular_ll	depthBelowLandLayer	level 0 m	fcst time -21474836452147483642 hrs (avg)
25	192	192 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
26	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
27	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
28	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
29	194	194 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
30	195	195 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
31	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
32	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
33	195	195 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
34	192	192 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
35	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	<u> </u>					
						(avg)
36	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
37	Latent heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
38	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
39	Temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
40	Minimum temperature	K (min)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (min)
41	Maximum temperature	K (max)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (max)
42	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
43	196	196 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
44	Relative humidity	% (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
45	Visibility	m (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
46	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
47	Dew point temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
48	194	194 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
49	198	198 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
50	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
51	199	199 (instant)	regular_ll	surface	level 1	fcst time 0 hrs
52	193	193 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
53	194	194 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
54	Maximum wind speed	m s**-1 (max)	regular_ll	heightAboveGround	level 0 m	fcst time -21474836452147483642 hrs (max)
55	Frictional velocity	m s**-1 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
56	Convective precipitation (water)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
57	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)

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58	Convective precipitation rate	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
59	Convective snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
60	200	200 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
61	201	201 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
62	202	202 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
63	203	203 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
64	Mean total precipitation flux	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
65	Convective available potential energy	J kg**-1 (max)	regular_ll	entireAtmosphere	level 0	fcst time -21474836452147483642 hrs (max)
66	204	204 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
67	205	205 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
68	206	206 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
69	207	207 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
70	208	208 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
71	Total precipitation	kg m-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
72	195	195 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
73	196	196 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
74	Convective cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
75	Snow melt	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
76	200	200 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
77	201	201 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
78	Soil moisture content	kg m**-2 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
79	202	202 (instant)	regular_ll	unknown	level 0 197	fcst time 0 hrs
80	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs

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81	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
82	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
83	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
84	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
85	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
86	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
87	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
88	Low cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
89	Medium cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
90	High cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
91	210	210 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
92	211	211 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
93	212	212 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
94	213	213 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
95	216	216 (instant)	regular_ll	isothermZero	level 0	fcst time 0 hrs
96	217	217 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
97	197	197 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
98	198	198 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
99	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
100	197	197 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
101	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
102	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
103	Surface roughness	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
104	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
105	192	192 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
106	Geometrical height	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
107	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs

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5.2.7. G512_v070_ergl_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
26	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
27	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
28	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
29	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
30	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs

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31	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
32	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
33	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
34	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
35	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
36	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
37	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
38	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
39	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
40	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
41	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
42	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
43	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
44	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
45	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
46	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
47	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
48	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
49	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
50	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
51	U component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
52	U component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
53	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
54	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
55	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
56	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
57	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
58	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
59	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
60	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
61	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
62	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
63	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs

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64	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
65	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
66	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
67	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
68	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
69	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
70	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
71	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
72	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
73	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
74	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
75	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
76	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
77	V component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
78	V component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
79	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
80	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
81	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
82	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
83	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
84	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
85	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
86	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
87	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
88	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
89	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
90	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
91	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
92	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
93	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
94	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
95	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
96	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs

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97	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
98	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
99	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
100	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
101	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
102	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
103	Geopotential Height	gpm (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
104	Geopotential Height	gpm (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
105	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
106	Temperature	K (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
107	Temperature	K (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
108	Temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
109	Temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
110	Temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
111	Temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
112	Temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
113	Temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
114	Temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
115	Temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
116	Temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
117	Temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
118	Temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
119	Temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
120	Temperature	K (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
121	Temperature	K (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
122	Temperature	K (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
123	Temperature	K (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
124	Temperature	K (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
125	Temperature	K (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
126	Temperature	K (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
127	Temperature	K (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
128	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
129	Temperature	K (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs

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130	Temperature	K (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
131	194	194 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
132	194	194 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
133	194	194 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
134	194	194 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
135	194	194 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
136	194	194 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
137	194	194 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
138	194	194 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
139	194	194 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
140	194	194 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
141	194	194 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
142	194	194 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
143	194	194 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
144	194	194 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
145	194	194 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
146	194	194 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
147	194	194 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
148	194	194 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
149	194	194 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
150	200	200 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
151	200	200 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
152	200	200 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
153	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
154	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
155	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
156	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
157	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
158	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
159	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
160	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
161	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
162	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs

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163	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
164	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
165	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
166	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
167	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
168	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
169	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
170	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
171	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs

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5.2.8. G512_v070_ergl_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
2	193	193 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
3	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
4	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
5	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
6	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
7	198	198 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
8	199	199 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
9	200	200 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
10	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
11	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
12	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
13	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
14	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
15	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
16	Large scale precipitation (non-	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	convective)					(accum)
17	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs
		, ,				(accum)
18	Large scale precipitation rate	kg m**-2 s**-1	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs
		(avg)				(avg) fcst time -21474836472147483646 hrs
19	Large scale snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	(avg)
20	Standard deviation of height	m (instant)	regular_II	surface	level 0	fcst time 0 hrs
21	192	192 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
22	193	193 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
23	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
24	193	193 (avg)	regular_ll	depthBelowLandLayer	level 0 m	fcst time -21474836452147483642 hrs (avg)
25	192	192 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
26	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
27	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
28	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
29	194	194 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
30	195	195 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
31	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
32	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
33	195	195 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
34	192	192 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
35	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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						(avg)
36	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
37	Latent heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
38	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
39	Temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
40	Minimum temperature	K (min)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (min)
41	Maximum temperature	K (max)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (max)
42	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
43	196	196 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
44	Relative humidity	% (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
45	Visibility	m (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
46	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
47	Dew point temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
48	194	194 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
49	198	198 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
50	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
51	199	199 (instant)	regular_ll	surface	level 1	fcst time 0 hrs
52	193	193 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
53	194	194 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
54	Maximum wind speed	m s**-1 (max)	regular_ll	heightAboveGround	level 0 m	fcst time -21474836452147483642 hrs (max)
55	Frictional velocity	m s**-1 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
56	Convective precipitation (water)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
57	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)

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58	Convective precipitation rate	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
59	Convective snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
60	200	200 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
61	201	201 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
62	202	202 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
63	203	203 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
64	Mean total precipitation flux	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
65	Convective available potential energy	J kg**-1 (max)	regular_ll	entireAtmosphere	level 0	fcst time -21474836452147483642 hrs (max)
66	204	204 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
67	205	205 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
68	206	206 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
69	207	207 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
70	208	208 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
71	Total precipitation	kg m-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
72	195	195 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
73	196	196 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
74	Convective cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
75	Snow melt	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
76	200	200 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
77	201	201 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
78	Soil moisture content	kg m**-2 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
79	202	202 (instant)	regular_ll	unknown	level 0 197	fcst time 0 hrs
80	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs

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81	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
82	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
83	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
84	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
85	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
86	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
87	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
88	Low cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
89	Medium cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
90	High cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
91	210	210 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
92	211	211 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
93	212	212 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
94	213	213 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
95	216	216 (instant)	regular_ll	isothermZero	level 0	fcst time 0 hrs
96	217	217 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
97	197	197 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
98	198	198 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
99	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
100	197	197 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
101	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
102	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
103	Surface roughness	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
104	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
105	192	192 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
106	Geometrical height	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
107	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs

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5.2.9. G768_v070_ergl_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
26	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
27	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
28	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
29	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
30	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs

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31	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
32	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
33	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
34	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
35	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
36	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
37	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
38	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
39	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
40	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
41	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
42	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
43	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
44	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
45	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
46	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
47	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
48	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
49	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
50	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
51	U component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
52	U component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
53	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
54	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
55	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
56	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
57	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
58	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
59	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
60	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
61	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
62	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
63	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs

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64	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
65	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
66	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
67	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
68	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
69	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
70	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
71	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
72	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
73	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
74	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
75	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
76	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
77	V component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
78	V component of wind	m s**-1 (instant)	regular_II	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
79	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
80	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
81	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
82	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
83	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
84	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
85	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
86	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
87	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
88	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
89	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
90	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
91	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
92	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
93	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
94	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
95	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
96	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs

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97	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
98	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
99	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
100	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
101	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
102	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
103	Geopotential Height	gpm (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs
104	Geopotential Height	gpm (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
105	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
106	Temperature	K (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
107	Temperature	K (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
108	Temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
109	Temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
110	Temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
111	Temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
112	Temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
113	Temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
114	Temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
115	Temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
116	Temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
117	Temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
118	Temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
119	Temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
120	Temperature	K (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
121	Temperature	K (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
122	Temperature	K (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
123	Temperature	K (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
124	Temperature	K (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
125	Temperature	K (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
126	Temperature	K (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
127	Temperature	K (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
128	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
129	Temperature	K (instant)	regular_ll	isobaricInPa	level 0.5 hPa	fcst time 0 hrs

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130	Temperature	K (instant)	regular_ll	isobaricInPa	level 0.4 hPa	fcst time 0 hrs
131	194	194 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
132	194	194 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
133	194	194 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
134	194	194 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
135	194	194 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
136	194	194 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
137	194	194 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
138	194	194 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
139	194	194 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
140	194	194 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
141	194	194 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
142	194	194 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
143	194	194 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
144	194	194 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
145	194	194 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
146	194	194 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
147	194	194 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
148	194	194 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
149	194	194 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
150	200	200 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
151	200	200 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
152	200	200 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
153	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
154	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
155	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
156	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
157	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
158	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
159	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
160	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
161	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
162	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs

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163	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
164	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
165	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
166	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
167	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
168	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
169	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
170	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
171	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs

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	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
2	193	193 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
3	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
4	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
5	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
6	197	197 (avg)	regular_II	surface	level 0	fcst time -21474836452147483642 hrs (avg)
7	198	198 (avg)	regular_II	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
8	199	199 (avg)	regular_II	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
9	200	200 (avg)	regular_II	surface	level 0	fcst time -21474836452147483642 hrs (avg)
10	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
11	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
12	194	194 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
13	195	195 (avg)	regular_ll	nominalTop	level 0	fcst time -21474836452147483642 hrs (avg)
14	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
15	197	197 (avg)	regular_II	surface	level 0	fcst time -21474836452147483642 hrs (avg)
16	Large scale precipitation (non-	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	convective)					(accum)
17	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs
		, ,				(accum)
18	Large scale precipitation rate	kg m**-2 s**-1	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
		(avg)				fcst time -21474836472147483646 hrs
19	Large scale snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	(avg)
20	Standard deviation of height	m (instant)	regular_II	surface	level 0	fcst time 0 hrs
21	192	192 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
22	193	193 (instant)	regular_ll	heightAboveGround	level 20 m	fcst time 0 hrs
23	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
24	193	193 (avg)	regular_ll	depthBelowLandLayer	level 0 m	fcst time -21474836452147483642 hrs (avg)
25	192	192 (avg)	regular_ll	heightAboveGround	level 10 m	fcst time -21474836452147483642 hrs (avg)
26	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
27	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
28	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
29	194	194 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
30	195	195 (avg)	regular_ll	heightAboveGround	level 20 m	fcst time -21474836452147483642 hrs (avg)
31	192	192 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
32	196	196 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
33	195	195 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
34	192	192 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
35	193	193 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs

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	<u> </u>					
						(avg)
36	194	194 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
37	Latent heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
38	197	197 (avg)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (avg)
39	Temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
40	Minimum temperature	K (min)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (min)
41	Maximum temperature	K (max)	regular_ll	heightAboveGround	level 1.5 m	fcst time -21474836452147483642 hrs (max)
42	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
43	196	196 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
44	Relative humidity	% (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
45	Visibility	m (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
46	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
47	Dew point temperature	K (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
48	194	194 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
49	198	198 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
50	193	193 (instant)	regular_ll	heightAboveGround	level 1.5 m	fcst time 0 hrs
51	199	199 (instant)	regular_ll	surface	level 1	fcst time 0 hrs
52	193	193 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
53	194	194 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
54	Maximum wind speed	m s**-1 (max)	regular_ll	heightAboveGround	level 0 m	fcst time -21474836452147483642 hrs (max)
55	Frictional velocity	m s**-1 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
56	Convective precipitation (water)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
57	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)

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58	Convective precipitation rate	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
59	Convective snowfall rate	m s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
60	200	200 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
61	201	201 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
62	202	202 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
63	203	203 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
64	Mean total precipitation flux	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -21474836472147483646 hrs (avg)
65	Convective available potential energy	J kg**-1 (max)	regular_ll	entireAtmosphere	level 0	fcst time -21474836452147483642 hrs (max)
66	204	204 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
67	205	205 (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
68	206	206 (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
69	207	207 (instant)	regular_ll	unknown	level 0 199	fcst time 0 hrs
70	208	208 (instant)	regular_ll	unknown	level 0 198	fcst time 0 hrs
71	Total precipitation	kg m-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
72	195	195 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
73	196	196 (max)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (max)
74	Convective cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
75	Snow melt	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
76	200	200 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
77	201	201 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
78	Soil moisture content	kg m**-2 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
79	202	202 (instant)	regular_ll	unknown	level 0 197	fcst time 0 hrs
80	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs

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81	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
82	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
83	203	203 (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
84	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0-0.1 m	fcst time 0 hrs
85	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.35 m	fcst time 0 hrs
86	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.35-1 m	fcst time 0 hrs
87	Soil Temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 1-3 m	fcst time 0 hrs
88	Low cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
89	Medium cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
90	High cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
91	210	210 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
92	211	211 (instant)	regular_ll	unknown	level 0 196	fcst time 0 hrs
93	212	212 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
94	213	213 (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
95	216	216 (instant)	regular_ll	isothermZero	level 0	fcst time 0 hrs
96	217	217 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
97	197	197 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
98	198	198 (instant)	regular_ll	heightAboveGround	level 50 m	fcst time 0 hrs
99	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
100	197	197 (accum)	regular_ll	surface	level 0	fcst time -21474836452147483642 hrs (accum)
101	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
102	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
103	Surface roughness	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
104	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
105	192	192 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
106	Geometrical height	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
107	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs

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5.3. GDAPS_KIM

이 절에서는 GDAPS KIM 데이터의 band 별 정보를 설명한다.

5.3.1. kim_g120_ne36_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 30 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs

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Geopotential Height gpm (instant) lambert isobaricinhPa level 950 nPa fest time 0 hrs (sobaricinhPa level 875 nPa fest time 0 hrs (sobaricinhPa level 1975 nPa fest time 0 hrs (sobaricinhPa			(' ()	T	I · · · · · · · · · · · · · · · · · · ·	1 14000 LD	(, , , , , , , , , , , , , , , , , , ,
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Geopotential Height gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs gpm (instant) lambert isobaricInhPa level 30 hPa		•	01 \				
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37 Geopotential Height gpm (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 38 Geopotential Height gpm (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 41 Geopotential Height gpm (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 42 Geopotential Height gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 43 Geopotential Height gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 44 Geopotential Height gpm (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 45 Geopotential Height gpm (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 46 Geopotential Height gpm (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 47 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 48 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 9 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 9 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 9 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 9 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 9 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 9 hPa fcst time 0 hrs 40 Geopotential Height gpm (ins		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
38 Geopotential Height gpm (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 39 Geopotential Height gpm (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 41 Geopotential Height gpm (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 42 Geopotential Height gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 43 Geopotential Height gpm (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 44 Geopotential Height gpm (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 45 Geopotential Height gpm (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 46 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 47 Geopotential Height gpm (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 48 Geopotential Height gpm (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 50 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 51 Relative humidity gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 52 Relative humidity % (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 53 Relative humidity % (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 54 Relative humidity % (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 55 Relative humidity % (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 57 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 58 Relative humidity % (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
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40 Geopotential Height gpm (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 41 Geopotential Height gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 42 Geopotential Height gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 43 Geopotential Height gpm (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 44 Geopotential Height gpm (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 45 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 46 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 47 Geopotential Height gpm (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 48 Geopotential Height gpm (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 50 Geopotential Height gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 51 Relative humidity gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 52 Relative humidity % (instant) lambert isobaricInhPa level 1000 hPa fcst time 0 hrs 53 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 54 Relative humidity % (instant) lambert isobaricInhPa level 955 hPa fcst time 0 hrs 55 Relative humidity % (instant) lambert isobaricInhPa level 985 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 8700 hPa fcst time 0 hrs 57 Relative humidity % (instant) lambert isobaricInhPa level 8700 hPa fcst time 0 hrs 58 Relative humidity % (instant) lambert isobaricInhPa level 8700 hPa fcst time 0 hrs 57 Relative humidity % (instant) lambert isobaricInhPa level 8700 hPa fcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
41 Geopotential Height gpm (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 42 Geopotential Height gpm (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 43 Geopotential Height gpm (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 44 Geopotential Height gpm (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 45 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 46 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 47 Geopotential Height gpm (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 48 Geopotential Height gpm (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 40 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 950 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 950 Geopotential Height gpm (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 950 Geopotential Heig		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
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43 Geopotential Height gpm (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 44 Geopotential Height gpm (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 45 Geopotential Height gpm (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 46 Geopotential Height gpm (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 47 Geopotential Height gpm (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 48 Geopotential Height gpm (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 49 Geopotential Height gpm (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 50 Geopotential Height gpm (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 51 Relative humidity gpm (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 52 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 53 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 54 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 55 Relative humidity % (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 56 Relative humidity % (instant) lambert isobaricInhPa level 875 hPa fcst time 0 hrs 57 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 58 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 57 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 58 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 59 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs 58 Relative humidity % (instant) lambert isobaricInhPa level 850 hPa fcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
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47Geopotential Heightgpm (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs48Geopotential Heightgpm (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs49Geopotential Heightgpm (instant)lambertisobaricInhPalevel 2 hPafcst time 0 hrs50Geopotential Heightgpm (instant)lambertisobaricInhPalevel 1 hPafcst time 0 hrs51Relative humidity% (instant)lambertisobaricInhPalevel 1000 hPafcst time 0 hrs52Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
48Geopotential Heightgpm (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs49Geopotential Heightgpm (instant)lambertisobaricInhPalevel 2 hPafcst time 0 hrs50Geopotential Heightgpm (instant)lambertisobaricInhPalevel 1 hPafcst time 0 hrs51Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs52Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
49Geopotential Heightgpm (instant)lambertisobaricInhPalevel 2 hPafcst time 0 hrs50Geopotential Heightgpm (instant)lambertisobaricInhPalevel 1 hPafcst time 0 hrs51Relative humidity% (instant)lambertisobaricInhPalevel 1000 hPafcst time 0 hrs52Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs	47	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
50Geopotential Heightgpm (instant)lambertisobaricInhPalevel 1 hPafcst time 0 hrs51Relative humidity% (instant)lambertisobaricInhPalevel 1000 hPafcst time 0 hrs52Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs	48	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
51Relative humidity% (instant)lambertisobaricInhPalevel 1000 hPafcst time 0 hrs52Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs	49	Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
52Relative humidity% (instant)lambertisobaricInhPalevel 950 hPafcst time 0 hrs53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs		Geopotential Height	gpm (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs
53Relative humidity% (instant)lambertisobaricInhPalevel 925 hPafcst time 0 hrs54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs	51	Relative humidity	% (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
54Relative humidity% (instant)lambertisobaricInhPalevel 875 hPafcst time 0 hrs55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs		Relative humidity	% (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
55Relative humidity% (instant)lambertisobaricInhPalevel 850 hPafcst time 0 hrs56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs	53	Relative humidity	% (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
56Relative humidity% (instant)lambertisobaricInhPalevel 700 hPafcst time 0 hrs57Relative humidity% (instant)lambertisobaricInhPalevel 600 hPafcst time 0 hrs		Relative humidity	% (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
57 Relative humidity % (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs		Relative humidity	% (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
		Relative humidity	% (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
58 Relative humidity % (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs	57	Relative humidity	% (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
	58	Relative humidity	% (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs

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59	Relative humidity	% (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
60	Relative humidity	% (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
61	Relative humidity	% (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
62	Relative humidity	% (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
63	Relative humidity	% (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
64	Relative humidity	% (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
65	Relative humidity	% (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
66	Relative humidity	% (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
67	Relative humidity	% (instant)	lambert	isobaricInhPa	level 30 hPa	fcst time 0 hrs
68	Relative humidity	% (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
69	Relative humidity	% (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
70	Relative humidity	% (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
71	Relative humidity	% (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
72	Relative humidity	% (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
73	Relative humidity	% (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
74	Relative humidity	% (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
75	Relative humidity	% (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs
76	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
77	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
78	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
79	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
80	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
81	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
82	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
83	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
84	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
85	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
86	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
87	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
88	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
89	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
90	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
91	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs

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Relative humidity with respect to water % (instant) lambert isobaricInhPa level 20 hPa (cst time 0 hrs 94 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 20 hPa (cst time 0 hrs 95 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 96 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 97 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 98 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 99 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 99 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 100 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 100 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 920 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 920 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 920 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 920 hPa fcst time 0 hrs 100 Temperature K (instant) lambert isobaricInhPa level 920 hPa fcst time 0 hrs 100 Temperature K (instant) lambert i							
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Relative humidity with respect to water % (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs	93		% (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
Relative humidity with respect to water % (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs	94	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
Relative humidity with respect to water % (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 98 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 99 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs 100 Relative humidity with respect to water % (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs 101 Temperature K (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 102 Temperature K (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 103 Temperature K (instant) lambert isobaricInhPa level 950 hPa fcst time 0 hrs 104 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 105 Temperature K (instant) lambert isobaricInhPa level 925 hPa fcst time 0 hrs 106 Temperature K (instant) lambert isobaricInhPa level 870 hPa fcst time 0 hrs 107 Temperature K (instant) lambert isobaricInhPa level 870 hPa fcst time 0 hrs 108 Temperature K (instant) lambert isobaricInhPa level 870 hPa fcst time 0 hrs 109 Temperature K (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 109 Temperature K (instant) lambert isobaricInhPa level 800 hPa fcst time 0 hrs 109 Temperature K (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs 109 Temperature K (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs 109 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 110 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 111 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 112 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 113 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 114 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 115 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 116 Temperature K (instant) lambert isobaricInhPa level 900 hPa fcst time 0 hrs 117 Temperature K (instant)	95	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
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Relative humidity with respect to water % (instant) lambert isobaricInhPa level 2 hPa fost time 0 hrs Relative humidity with respect to water % (instant) lambert isobaricInhPa level 1 hPa fost time 0 hrs fost time 0 hrs isobaricInhPa level 100 hPa fost time 0 hrs isobaricInhPa level 1000 hPa fost time 0 hrs isobaricInhPa level 1000 hPa fost time 0 hrs isobaricInhPa level 925 hPa fost time 0 hrs isobaricInhPa level 925 hPa fost time 0 hrs isobaricInhPa level 875 hPa fost time 0 hrs isobaricInhPa level 870 hPa fost time 0 hrs isobaricInhPa level	97	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
Relative humidity with respect to water % (instant) lambert isobaricInhPa level 1 hPa fcst time 0 hrs	98	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
Temperature K (instant) Iambert isobaricInhPa Ievel 1000 hPa fcst time 0 hrs	99	Relative humidity with respect to water	% (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
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Temperature K (instant) lambert isobaricInhPa level 600 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 400 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 400 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (inst	105	Temperature	K (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 500 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 400 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 170 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs	106	Temperature	K (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 400 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs R (instant) lambert isobaricInhP	107	Temperature	K (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 300 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs lambert isobaricInhPa level 200 hPa fcst time 0 hrs lambert isobaricInhPa level 150 hPa fcst time 0 hrs fcst time 0 hrs lambert isobaricInhPa level 150 hPa fcst time 0 hrs lambert isobaricInhPa level 100 hPa fcst time 0 hrs lambert isobaricInhPa level 100 hPa fcst time 0 hrs lambert isobaricInhPa level 70 hPa fcst time 0 hrs lambert isobaricInhPa level 50 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 20 hPa fcst time 0 hrs lambert isobaricInhPa level 20 hPa fcst time 0 hrs lambert isobaricInhPa level 20 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa	108	Temperature	K (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 250 hPa fcst time 0 hrs Temperature K (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs Temperature K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs	109	Temperature	K (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 200 hPa fcst time 0 hrs 113 Temperature K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs 114 Temperature K (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs 115 Temperature K (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs 116 Temperature K (instant) lambert isobaricInhPa level 50 hPa fcst time 0 hrs 117 Temperature K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 118 Temperature K (instant) lambert isobaricInhPa level 30 hPa fcst time 0 hrs 119 Temperature K (instant) lambert isobaricInhPa level 20 hPa fcst time 0 hrs 120 Temperature K (instant) lambert isobaricInhPa level 15 hPa fcst time 0 hrs 121 Temperature K (instant) lambert isobaricInhPa level 10 hPa fcst time 0 hrs 122 Temperature K (instant) lambert isobaricInhPa level 7 hPa fcst time 0 hrs 123 Temperature K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 124 Temperature K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 125 Temperature K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 126 Temperature K (instant) lambert isobaricInhPa level 5 hPa fcst time 0 hrs 127 Temperature K (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs 128 Temperature K (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs	110	Temperature	K (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 150 hPa fcst time 0 hrs K (instant) lambert isobaricInhPa level 100 hPa fcst time 0 hrs lambert isobaricInhPa level 70 hPa fcst time 0 hrs lambert isobaricInhPa level 50 hPa fcst time 0 hrs lambert isobaricInhPa level 50 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 20 hPa fcst time 0 hrs lambert isobaricInhPa level 15 hPa fcst time 0 hrs lambert isobaricInhPa level 15 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 7 hPa fcst time 0 hrs lambert isobaricInhPa level 7 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time	111	Temperature	K (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
114TemperatureK (instant)lambertisobaricInhPalevel 100 hPafcst time 0 hrs115TemperatureK (instant)lambertisobaricInhPalevel 70 hPafcst time 0 hrs116TemperatureK (instant)lambertisobaricInhPalevel 50 hPafcst time 0 hrs117TemperatureK (instant)lambertisobaricInhPalevel 30 hPafcst time 0 hrs118TemperatureK (instant)lambertisobaricInhPalevel 20 hPafcst time 0 hrs119TemperatureK (instant)lambertisobaricInhPalevel 15 hPafcst time 0 hrs120TemperatureK (instant)lambertisobaricInhPalevel 10 hPafcst time 0 hrs121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	112	Temperature	K (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
Temperature K (instant) lambert isobaricInhPa level 70 hPa fcst time 0 hrs lambert isobaricInhPa level 50 hPa fcst time 0 hrs fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 30 hPa fcst time 0 hrs lambert isobaricInhPa level 20 hPa fcst time 0 hrs lambert isobaricInhPa level 15 hPa fcst time 0 hrs lambert isobaricInhPa level 15 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 10 hPa fcst time 0 hrs lambert isobaricInhPa level 7 hPa fcst time 0 hrs lambert isobaricInhPa level 7 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 5 hPa fcst time 0 hrs lambert isobaricInhPa level 3 hPa fcst time 0	113	Temperature	K (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
116TemperatureK (instant)lambertisobaricInhPalevel 50 hPafcst time 0 hrs117TemperatureK (instant)lambertisobaricInhPalevel 30 hPafcst time 0 hrs118TemperatureK (instant)lambertisobaricInhPalevel 20 hPafcst time 0 hrs119TemperatureK (instant)lambertisobaricInhPalevel 15 hPafcst time 0 hrs120TemperatureK (instant)lambertisobaricInhPalevel 10 hPafcst time 0 hrs121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	114	Temperature	K (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
117TemperatureK (instant)lambertisobaricInhPalevel 30 hPafcst time 0 hrs118TemperatureK (instant)lambertisobaricInhPalevel 20 hPafcst time 0 hrs119TemperatureK (instant)lambertisobaricInhPalevel 15 hPafcst time 0 hrs120TemperatureK (instant)lambertisobaricInhPalevel 10 hPafcst time 0 hrs121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	115	Temperature	K (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
118TemperatureK (instant)lambertisobaricInhPalevel 20 hPafcst time 0 hrs119TemperatureK (instant)lambertisobaricInhPalevel 15 hPafcst time 0 hrs120TemperatureK (instant)lambertisobaricInhPalevel 10 hPafcst time 0 hrs121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	116	Temperature	K (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
119TemperatureK (instant)lambertisobaricInhPalevel 15 hPafcst time 0 hrs120TemperatureK (instant)lambertisobaricInhPalevel 10 hPafcst time 0 hrs121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	117	Temperature	K (instant)	lambert	isobaricInhPa	level 30 hPa	fcst time 0 hrs
120TemperatureK (instant)lambertisobaricInhPalevel 10 hPafcst time 0 hrs121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	118	Temperature	K (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
121TemperatureK (instant)lambertisobaricInhPalevel 7 hPafcst time 0 hrs122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	119	Temperature	K (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
122TemperatureK (instant)lambertisobaricInhPalevel 5 hPafcst time 0 hrs123TemperatureK (instant)lambertisobaricInhPalevel 3 hPafcst time 0 hrs	120	Temperature	K (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
123 Temperature K (instant) lambert isobaricInhPa level 3 hPa fcst time 0 hrs	121	Temperature	K (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
	122	Temperature	K (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
124 Temperature K (instant) lambert isobaricInhPa level 2 hPa fcst time 0 hrs	123	Temperature	K (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
	124	Temperature	K (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs

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125	Temperature	K (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs
126	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
127	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
128	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
129	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
130	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
131	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
132	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
133	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
134	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
135	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
136	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
137	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
138	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
139	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
140	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
141	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
142	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 30 hPa	fcst time 0 hrs
143	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
144	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
145	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
146	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
147	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
148	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
149	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
150	U component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs
151	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
152	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
153	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
154	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
155	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
156	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
157	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs

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158	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
159	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
160	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
161	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
162	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
163	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
164	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
165	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs
166	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
167	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 30 hPa	fcst time 0 hrs
168	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
169	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
170	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
171	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
172	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
173	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
174	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
175	V component of wind	m s**-1 (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs
176	200	200 (instant)	lambert	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
177	200	200 (instant)	lambert	isobaricInhPa	level 950 hPa	fcst time 0 hrs
178	200	200 (instant)	lambert	isobaricInhPa	level 925 hPa	fcst time 0 hrs
179	200	200 (instant)	lambert	isobaricInhPa	level 875 hPa	fcst time 0 hrs
180	200	200 (instant)	lambert	isobaricInhPa	level 850 hPa	fcst time 0 hrs
181	200	200 (instant)	lambert	isobaricInhPa	level 700 hPa	fcst time 0 hrs
182	200	200 (instant)	lambert	isobaricInhPa	level 600 hPa	fcst time 0 hrs
183	200	200 (instant)	lambert	isobaricInhPa	level 500 hPa	fcst time 0 hrs
184	200	200 (instant)	lambert	isobaricInhPa	level 400 hPa	fcst time 0 hrs
185	200	200 (instant)	lambert	isobaricInhPa	level 300 hPa	fcst time 0 hrs
186	200	200 (instant)	lambert	isobaricInhPa	level 250 hPa	fcst time 0 hrs
187	200	200 (instant)	lambert	isobaricInhPa	level 200 hPa	fcst time 0 hrs
188	200	200 (instant)	lambert	isobaricInhPa	level 150 hPa	fcst time 0 hrs
189	200	200 (instant)	lambert	isobaricInhPa	level 100 hPa	fcst time 0 hrs
190	200	200 (instant)	lambert	isobaricInhPa	level 70 hPa	fcst time 0 hrs

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191	200	200 (instant)	lambert	isobaricInhPa	level 50 hPa	fcst time 0 hrs
192	200	200 (instant)	lambert	isobaricInhPa	level 30 hPa	fcst time 0 hrs
193	200	200 (instant)	lambert	isobaricInhPa	level 20 hPa	fcst time 0 hrs
194	200	200 (instant)	lambert	isobaricInhPa	level 15 hPa	fcst time 0 hrs
195	200	200 (instant)	lambert	isobaricInhPa	level 10 hPa	fcst time 0 hrs
196	200	200 (instant)	lambert	isobaricInhPa	level 7 hPa	fcst time 0 hrs
197	200	200 (instant)	lambert	isobaricInhPa	level 5 hPa	fcst time 0 hrs
198	200	200 (instant)	lambert	isobaricInhPa	level 3 hPa	fcst time 0 hrs
199	200	200 (instant)	lambert	isobaricInhPa	level 2 hPa	fcst time 0 hrs
200	200	200 (instant)	lambert	isobaricInhPa	level 1 hPa	fcst time 0 hrs

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5.3.2. kim_g120_ne36_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Land-sea mask	(0 - 1) (instant)	lambert	surface	level 0	fcst time 0 hrs
2	Sea ice area fraction	(0 - 1) (instant)	lambert	surface	level 0	fcst time 0 hrs
3	Orography	m (instant)	lambert	surface	level 0	fcst time 0 hrs
4	Surface pressure	Pa (instant)	lambert	surface	level 0	fcst time 0 hrs
5	Pressure reduced to MSL	Pa (instant)	lambert	meanSea	level 0	fcst time 0 hrs
6	Sea surface temperature	K (instant)	lambert	surface	level 0	fcst time 0 hrs
7	Temperature	K (instant)	lambert	surface	level 0	fcst time 0 hrs
8	10 metre U wind component	m s**-1 (instant)	lambert	heightAboveGround	level 10 m	fcst time 0 hrs
9	10 metre V wind component	m s**-1 (instant)	lambert	heightAboveGround	level 10 m	fcst time 0 hrs
10	10 metre wind gust in the last 3 hours	m s**-1 (max)	lambert	heightAboveGround	level 10 m	fcst time -3-0 hrs (max)
11	2 metre temperature	K (instant)	lambert	heightAboveGround	level 2 m	fcst time 0 hrs
12	2 metre relative humidity	% (instant)	lambert	heightAboveGround	level 2 m	fcst time 0 hrs
13	2 metre relative humidity with respect to water	% (instant)	lambert	heightAboveGround	level 2 m	fcst time 0 hrs
14	Humidity mixing ratio	kg kg-1 (instant)	lambert	heightAboveGround	level 2 m	fcst time 0 hrs
15	Specific humidity	kg kg**-1 (instant)	lambert	heightAboveGround	level 2 m	fcst time 0 hrs
16	2 metre dewpoint temperature	K (instant)	lambert	heightAboveGround	level 2 m	fcst time 0 hrs
17	Mean total precipitation flux	kg m**-2 s**-1 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
18	Large scale precipitation (non-convective)	kg m**-2 (accum)	lambert	surface	level 0	fcst time -3-0 hrs (accum)
19	Convective precipitation (water)	kg m**-2 (accum)	lambert	surface	level 0	fcst time -3-0 hrs (accum)
20	Total precipitation	kg m-2 (accum)	lambert	surface	level 0	fcst time 0 hrs (accum)
21	Large scale water precipitation (non-convective)	kg m**-2 (accum)	lambert	surface	level 0	fcst time 0 hrs (accum)
22	Convective water precipitation	kg m**-2 (accum)	lambert	surface	level 0	fcst time 0 hrs (accum)
23	Large scale snow	kg m**-2 (accum)	lambert	surface	level 0	fcst time 0 hrs (accum)
24	Convective snow	kg m**-2 (accum)	lambert	surface	level 0	fcst time 0 hrs (accum)
25	Low cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
26	Medium cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
27	High cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs

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28	Total Cloud Cover	% (instant)	lambert	entireAtmosphere	level 0	fcst time 0 hrs
29	Planetary boundary layer height	m (instant)	lambert	unknown	level 0 220	fcst time 0 hrs
30	Frictional velocity	m s**-1 (instant)	lambert	heightAboveGround	level 0 m	fcst time 0 hrs
31	Snow depth	m (instant)	lambert	surface	level 0	fcst time 0 hrs
32	Snow density	kg m**-3 (instant)	lambert	surface	level 0	fcst time 0 hrs
33	Surface roughness	m (instant)	lambert	surface	level 0	fcst time 0 hrs
34	19	19 (instant)	lambert	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
35	19	19 (instant)	lambert	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
36	19	19 (instant)	lambert	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
37	19	19 (instant)	lambert	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
38	Soil temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
39	Soil temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
40	Soil temperature	K (instant)	lambert	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
41	Soil temperature	K (instant)	lambert	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
42	Sensible heat net flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
43	Latent heat net flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
44	Net short wave radiation flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
45	Net long wave radiation flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
46	Downward long-wave radiation flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
47	Downward short-wave radiation flux	W m**-2 (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
48	Upward long-wave radiation flux	W m**-2 (avg)	lambert	nominalTop	level 0	fcst time -3-0 hrs (avg)
49	Downward short-wave radiation flux	W m**-2 (avg)	lambert	nominalTop	level 0	fcst time -3-0 hrs (avg)
50	Water equivalent of accumulated snow depth	kg m**-2 (instant)	lambert	surface	level 0	fcst time 0 hrs
51	Geometrical height	m (instant)	lambert	unknown	level 0 245	fcst time 0 hrs
52	Planetary boundary layer regime	code table (4.209) (instant)	lambert	unknown	level 0 220	fcst time 0 hrs
53	Pressure	Pa (instant)	lambert	unknown	level 0 242	fcst time 0 hrs
54	Pressure	Pa (instant)	lambert	unknown	level 0 243	fcst time 0 hrs
55	32	32 (instant)	lambert	isothermZero	level 0	fcst time 0 hrs

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56	Eastward turbulent surface stress	N m**-2 s (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
57	Northward turbulent surface stress	N m**-2 s (avg)	lambert	surface	level 0	fcst time -3-0 hrs (avg)
58	Convective cloud cover	% (instant)	lambert	unknown	level 0 200	fcst time 0 hrs
59	Maximum temperature	K (max)	lambert	heightAboveGround	level 2 m	fcst time -3-0 hrs (max)
60	Minimum temperature	K (min)	lambert	heightAboveGround	level 2 m	fcst time -3-0 hrs (min)

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5.3.3. kim_g128_hkor_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 975 hPa	fcst time 0 hrs
3	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
4	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
5	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 900 hPa	fcst time 0 hrs
6	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 875 hPa	fcst time 0 hrs
7	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
8	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 800 hPa	fcst time 0 hrs
9	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 750 hPa	fcst time 0 hrs
10	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
11	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 650 hPa	fcst time 0 hrs
12	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
13	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
14	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
15	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
16	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
17	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
18	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
19	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
20	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
21	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
22	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
23	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
24	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
25	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
26	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
27	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
28	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
29	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
30	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs

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31	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
32	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
33	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
34	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
35	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 650 hPa	fcst time 0 hrs
36	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
37	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 550 hPa	fcst time 0 hrs
38	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
39	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
40	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
41	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
42	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
43	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
44	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
45	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
46	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
47	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
48	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
49	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
50	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
51	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
52	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
53	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
54	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
55	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
56	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
57	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
58	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
59	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
60	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
61	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
62	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
63	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs

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64	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
65	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
66	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
67	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
68	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
69	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
70	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
71	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
72	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
73	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
74	Temperature	K (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
75	Temperature	K (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
76	Temperature	K (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
77	Temperature	K (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
78	Temperature	K (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
79	Temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
80	Temperature	K (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
81	Temperature	K (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
82	Temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
83	Temperature	K (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
84	Temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
85	Temperature	K (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
86	Temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
87	Temperature	K (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
88	Temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
89	Temperature	K (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
90	Temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
91	Temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
92	Temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
93	Temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
94	Temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
95	Temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
96	Temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs

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Pressure Pa (instant) regular II isobaricInhPa level 975 hPa fost time 0 hrs Pressure Pa (instant) regular II isobaricInhPa level 925 hPa fost time 0 hrs Pressure Pa (instant) regular II isobaricInhPa level 925 hPa fost time 0 hrs Pressure Pa (instant) regular II isobaricInhPa level 925 hPa fost time 0 hrs Pressure Pa (instant) regular II isobaricInhPa level 925 hPa fost time 0 hrs Pressure Pa (instant) regular II isobaricInhPa level 876 hPa fost time 0 hrs IsobaricInhPa level 776 hPa fost time 0 hrs IsobaricInhPa level 776 hPa fost time 0 hrs IsobaricInhPa level 876 hPa fost		T =	T 5 "		T		
Pressure	97	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
Pressure		Pressure	,				
Pressure		Pressure	` '	regular_ll	isobaricInhPa		fcst time 0 hrs
Pressure Pa (instant) regular II isobaricInhPa level 875 hPa fcst time 0 hrs regular II isobaricInhPa level 800 hPa fcst time 0 hrs lovel 875 hPa fcst time 0 hrs regular II isobaricInhPa level 800 hPa fcst time 0 hrs lovel 875 hPa fcst time 0 hrs regular II isobaricInhPa level 800 hPa fcst time 0 hrs lovel 875 hPa fcst time 0 hrs love	100	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 750 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 750 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 750 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 650 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 650 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 650 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 550 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 550 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 550 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 450 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 450 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 450 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 450 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 250 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 250 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 250 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 250 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 h	101	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
Pressure Pa (instant) regular I isobaricInhPa level 800 hPa fcst time 0 hrs	102	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
Pressure	103	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 700 hPa fcst time 0 hrs	104	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
Pressure	105	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 600 hPa fcst time 0 hrs	106	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 550 hPa fcst time 0 hrs	107	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
Pa (instant) regular_II isobaricInhPa level 500 hPa fcst time 0 hrs	108	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 450 hPa fcst time 0 hrs	109	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 400 hPa fcst time 0 hrs	110	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
Pa (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs regular_II pressure Pa (instant) regular_II isobaricInhPa level 300 hPa fcst time 0 hrs regular_II isobaricInhPa level 250 hPa fcst time 0 hrs regular_II isobaricInhPa level 250 hPa fcst time 0 hrs regular_II isobaricInhPa level 250 hPa fcst time 0 hrs regular_II isobaricInhPa level 250 hPa fcst time 0 hrs regular_II isobaricInhPa level 250 hPa fcst time 0 hrs regular_II isobaricInhPa level 150 hPa fcst time 0 hrs regular_II isobaricInhPa level 150 hPa fcst time 0 hrs regular_II isobaricInhPa level 170 hPa fcst time 0 hrs regular_II isobaricInhPa level 170 hPa fcst time 0 hrs regular_II isobaricInhPa level 50 hPa fcst time 0 hrs regular_II isobaricInhPa level 50 hPa fcst time 0 hrs regular_II isobaricInhPa level 50 hPa fcst time 0 hrs regular_II isobaricInhPa level 170 hPa fcst time 0 hrs regular_II isobaricInhPa level 170 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 850 hPa fcst time 0 hrs regular_II isobaricInhPa level 850 hPa fcst time 0 hrs regular_II isobaricInhPa level 850 hPa fcst time 0 hrs regular_II isobaricInhPa level 800 hPa fcst time 0 hrs regular_II isobaricInhPa level 800 hPa fcst time 0 hrs regular_II isobaricInh	111	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 300 hPa fcst time 0 hrs	112	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
115PressurePa (instant)regular_IIisobaricInhPalevel 250 hPafcst time 0 hrs116PressurePa (instant)regular_IIisobaricInhPalevel 200 hPafcst time 0 hrs117PressurePa (instant)regular_IIisobaricInhPalevel 150 hPafcst time 0 hrs118PressurePa (instant)regular_IIisobaricInhPalevel 100 hPafcst time 0 hrs119PressurePa (instant)regular_IIisobaricInhPalevel 70 hPafcst time 0 hrs120PressurePa (instant)regular_IIisobaricInhPalevel 50 hPafcst time 0 hrs121Potential temperatureK (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs122Potential temperatureK (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs123Potential temperatureK (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs124Potential temperatureK (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs125Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs126Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (insta	113	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
116PressurePa (instant)regular_IIisobaricInhPalevel 200 hPafcst time 0 hrs117PressurePa (instant)regular_IIisobaricInhPalevel 150 hPafcst time 0 hrs118PressurePa (instant)regular_IIisobaricInhPalevel 100 hPafcst time 0 hrs119PressurePa (instant)regular_IIisobaricInhPalevel 70 hPafcst time 0 hrs120PressurePa (instant)regular_IIisobaricInhPalevel 50 hPafcst time 0 hrs121Potential temperatureK (instant)regular_IIisobaricInhPalevel 1000 hPafcst time 0 hrs122Potential temperatureK (instant)regular_IIisobaricInhPalevel 975 hPafcst time 0 hrs123Potential temperatureK (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs124Potential temperatureK (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs125Potential temperatureK (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs126Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	114	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
Pa (instant) Pessure Pessure Pa (instant) Pessure Pessure Pa (instant) Pessure Pa (instant) Pessure Pessure Pa (instant) Pessure Pessure Pa (instant) Pessur	115	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
118PressurePa (instant)regular_IIisobaricInhPalevel 100 hPafcst time 0 hrs119PressurePa (instant)regular_IIisobaricInhPalevel 70 hPafcst time 0 hrs120PressurePa (instant)regular_IIisobaricInhPalevel 50 hPafcst time 0 hrs121Potential temperatureK (instant)regular_IIisobaricInhPalevel 975 hPafcst time 0 hrs122Potential temperatureK (instant)regular_IIisobaricInhPalevel 975 hPafcst time 0 hrs123Potential temperatureK (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs124Potential temperatureK (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs125Potential temperatureK (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs126Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	116	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
119PressurePa (instant)regular_IIisobaricInhPalevel 70 hPafcst time 0 hrs120PressurePa (instant)regular_IIisobaricInhPalevel 50 hPafcst time 0 hrs121Potential temperatureK (instant)regular_IIisobaricInhPalevel 1000 hPafcst time 0 hrs122Potential temperatureK (instant)regular_IIisobaricInhPalevel 975 hPafcst time 0 hrs123Potential temperatureK (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs124Potential temperatureK (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs125Potential temperatureK (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs126Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	117	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
Pressure Pa (instant) regular_II isobaricInhPa level 50 hPa fcst time 0 hrs 121 Potential temperature K (instant) regular_II isobaricInhPa level 1000 hPa fcst time 0 hrs 122 Potential temperature K (instant) regular_II isobaricInhPa level 975 hPa fcst time 0 hrs 123 Potential temperature K (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 124 Potential temperature K (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 125 Potential temperature K (instant) regular_II isobaricInhPa level 925 hPa fcst time 0 hrs 126 Potential temperature K (instant) regular_II isobaricInhPa level 900 hPa fcst time 0 hrs 127 Potential temperature K (instant) regular_II isobaricInhPa level 875 hPa fcst time 0 hrs 128 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs	118	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 1000 hPa fcst time 0 hrs regular_II isobaricInhPa level 975 hPa fcst time 0 hrs regular_II isobaricInhPa level 950 hPa fcst time 0 hrs regular_II isobaricInhPa level 950 hPa fcst time 0 hrs regular_II isobaricInhPa level 950 hPa fcst time 0 hrs regular_II isobaricInhPa level 925 hPa fcst time 0 hrs regular_II isobaricInhPa level 925 hPa fcst time 0 hrs regular_II isobaricInhPa level 900 hPa fcst time 0 hrs regular_II isobaricInhPa level 900 hPa fcst time 0 hrs regular_II isobaricInhPa level 875 hPa fcst time 0 hrs regular_II isobaricInhPa level 875 hPa fcst time 0 hrs regular_II isobaricInhPa level 850 hPa fcst time 0 hrs regular_II isobaricInhPa level 850 hPa fcst time 0 hrs regular_II isobaricInhPa level 850 hPa fcst time 0 hrs regular_II isobaricInhPa level 800 hPa fcst time 0 hrs regular_II isobaricInhPa level 800 hPa fcst time 0 hrs	119	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 975 hPa fcst time 0 hrs 123 Potential temperature K (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 124 Potential temperature K (instant) regular_II isobaricInhPa level 925 hPa fcst time 0 hrs 125 Potential temperature K (instant) regular_II isobaricInhPa level 900 hPa fcst time 0 hrs 126 Potential temperature K (instant) regular_II isobaricInhPa level 875 hPa fcst time 0 hrs 127 Potential temperature K (instant) regular_II isobaricInhPa level 875 hPa fcst time 0 hrs 128 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs	120	Pressure	Pa (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 124 Potential temperature K (instant) regular_II isobaricInhPa level 925 hPa fcst time 0 hrs 125 Potential temperature K (instant) regular_II isobaricInhPa level 900 hPa fcst time 0 hrs 126 Potential temperature K (instant) regular_II isobaricInhPa level 875 hPa fcst time 0 hrs 127 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 128 Potential temperature K (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs 129 Potential temperature K (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs	121	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
124Potential temperatureK (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs125Potential temperatureK (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs126Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	122	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
125Potential temperatureK (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs126Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	123	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
126Potential temperatureK (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	124	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
127Potential temperatureK (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs128Potential temperatureK (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs	125	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
128 Potential temperature K (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs	126	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
128 Potential temperature K (instant) regular_II isobaricInhPa level 800 hPa fcst time 0 hrs	127	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
129 Potential temperature K (instant) regular II isobaricInhPa level 750 hPa fcst time 0 hrs	128	Potential temperature		regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
	129	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs

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Potential temperature K (instant) regular I isobaricInhPa level 700 hPa fost time 0 hrs fost time 0 hrs							
Potential temperature K (instant) regular_II isobaricInhPa level 600 hPa fest time 0 hrs	130	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
Potential temperature K (instant) regular II isobaricInhPa level 550 hPa fcst time 0 hrs	131	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
Potential temperature K (instant) regular II isobaricInhPa level 500 hPa fcst time 0 hrs	132	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
Potential temperature K (instant) regular II isobaricInhPa level 450 hPa fcst time 0 hrs regular II isobaricInhPa level 350 hPa fcst time 0 hrs regular II isobaricInhPa level 350 hPa fcst time 0 hrs regular II isobaricInhPa level 350 hPa fcst time 0 hrs regular II isobaricInhPa level 350 hPa fcst time 0 hrs regular II isobaricInhPa level 350 hPa fcst time 0 hrs regular II isobaricInhPa level 350 hPa fcst time 0 hrs regular II isobaricInhPa level 250 hPa fcst time 0 hrs regular II isobaricInhPa level 250 hPa fcst time 0 hrs regular II regular I	133	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
Potential temperature K (instant) regular II isobaricInhPa level 400 hPa fcst time 0 hrs	134	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs	135	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 300 hPa fcst time 0 hrs	136	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
139 Potential temperature K (instant) regular_ II isobaricInhPa level 250 hPa fcst time 0 hrs	137	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 200 hPa fcst time 0 hrs	138	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 150 hPa fcst time 0 hrs	139	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 100 hPa fcst time 0 hrs	140	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
Potential temperature K (instant) regular_II isobaricInhPa level 70 hPa fcst time 0 hrs	141	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
144 Potential temperature K (instant) regular_II isobaricInhPa level 50 hPa fcst time 0 hrs 145 26 (instant) regular_II isobaricInhPa level 1000 hPa fcst time 0 hrs 146 26 26 (instant) regular_II isobaricInhPa level 975 hPa fcst time 0 hrs 147 26 26 (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 148 26 (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 149 26 (instant) regular_II isobaricInhPa level 900 hPa fcst time 0 hrs 150 26 (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 151 26 26 (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 152 26 26 (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 153 26 26 (instant) regular_II i	142	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
145 26 26 (instant) regular_II isobaricInhPa level 1000 hPa fcst time 0 hrs 146 26 26 (instant) regular_II isobaricInhPa level 975 hPa fcst time 0 hrs 147 26 26 (instant) regular_II isobaricInhPa level 950 hPa fcst time 0 hrs 148 26 26 (instant) regular_II isobaricInhPa level 900 hPa fcst time 0 hrs 149 26 26 (instant) regular_II isobaricInhPa level 900 hPa fcst time 0 hrs 150 26 26 (instant) regular_II isobaricInhPa level 875 hPa fcst time 0 hrs 151 26 26 (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 152 26 26 (instant) regular_II isobaricInhPa level 850 hPa fcst time 0 hrs 153 26 26 (instant) regular_II isobaricInhPa level 750 hPa fcst time 0 hrs 153 26 26 (instant) regular_II isobar	143	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
1462626 (instant)regular_IIisobaricInhPalevel 975 hPafcst time 0 hrs1472626 (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs1482626 (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs1492626 (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs1502626 (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs1512626 (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs1522626 (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobari	144	Potential temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
1472626 (instant)regular_IIisobaricInhPalevel 950 hPafcst time 0 hrs1482626 (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs1492626 (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs1502626 (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs1512626 (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs1522626 (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs	145	26	26 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
1482626 (instant)regular_IIisobaricInhPalevel 925 hPafcst time 0 hrs1492626 (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs1502626 (instant)regular_IIIisobaricInhPalevel 875 hPafcst time 0 hrs1512626 (instant)regular_IIIisobaricInhPalevel 850 hPafcst time 0 hrs1522626 (instant)regular_IIIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIIisobaricInhPalevel 550 hPafcst time 0 hrs1592626 (instant)regular_IIIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIIisobaricInhPalevel 450 hPafcst time 0 hrs1612626 (instant)regular_IIIisobaricInhPalevel 450 hPafcst time 0 hrs	146	26	26 (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
1492626 (instant)regular_IIisobaricInhPalevel 900 hPafcst time 0 hrs1502626 (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs1512626 (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs1522626 (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	147	26	26 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
1502626 (instant)regular_IIisobaricInhPalevel 875 hPafcst time 0 hrs1512626 (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs1522626 (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	148	26	26 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
1512626 (instant)regular_IIisobaricInhPalevel 850 hPafcst time 0 hrs1522626 (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs	149	26	26 (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
1522626 (instant)regular_IIisobaricInhPalevel 800 hPafcst time 0 hrs1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs	150	26	26 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
1532626 (instant)regular_IIisobaricInhPalevel 750 hPafcst time 0 hrs1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	151	26	26 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
1542626 (instant)regular_IIisobaricInhPalevel 700 hPafcst time 0 hrs1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	152	26	26 (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
1552626 (instant)regular_IIisobaricInhPalevel 650 hPafcst time 0 hrs1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	153	26	26 (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
1562626 (instant)regular_IIisobaricInhPalevel 600 hPafcst time 0 hrs1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	154	26	26 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
1572626 (instant)regular_IIisobaricInhPalevel 550 hPafcst time 0 hrs1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	155	26	26 (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
1582626 (instant)regular_IIisobaricInhPalevel 500 hPafcst time 0 hrs1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	156	26	26 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
1592626 (instant)regular_IIisobaricInhPalevel 450 hPafcst time 0 hrs1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	157	26	26 (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
1602626 (instant)regular_IIisobaricInhPalevel 400 hPafcst time 0 hrs1612626 (instant)regular_IIisobaricInhPalevel 350 hPafcst time 0 hrs	158	26	26 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
161 26 26 (instant) regular_II isobaricInhPa level 350 hPa fcst time 0 hrs	159		26 (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
	160		26 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
16226 (instant)regular_IIisobaricInhPalevel 300 hPafcst time 0 hrs	161		26 (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
	162	26	26 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs

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163	26	26 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
164	26	26 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
165	26	26 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
166	26	26 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
167	26	26 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
168	26	26 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
169	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
170	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 975 hPa	fcst time 0 hrs
171	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
172	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
173	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 900 hPa	fcst time 0 hrs
174	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 875 hPa	fcst time 0 hrs
175	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
176	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 800 hPa	fcst time 0 hrs
177	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 750 hPa	fcst time 0 hrs
178	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
179	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 650 hPa	fcst time 0 hrs
180	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
181	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 550 hPa	fcst time 0 hrs
182	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
183	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 450 hPa	fcst time 0 hrs
184	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
185	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 350 hPa	fcst time 0 hrs
186	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
187	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
188	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
189	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
190	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
191	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
192	Density	kg m**-3 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
193	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
194	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 975 hPa	fcst time 0 hrs
195	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs

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196	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
197	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 900 hPa	fcst time 0 hrs
198	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 875 hPa	fcst time 0 hrs
199	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
200	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 800 hPa	fcst time 0 hrs
201	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 750 hPa	fcst time 0 hrs
202	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
203	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 650 hPa	fcst time 0 hrs
204	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
205	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 550 hPa	fcst time 0 hrs
206	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
207	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 450 hPa	fcst time 0 hrs
208	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
209	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 350 hPa	fcst time 0 hrs
210	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
211	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
212	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
213	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
214	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
215	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
216	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
217	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
218	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 975 hPa	fcst time 0 hrs
219	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
220	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
221	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 900 hPa	fcst time 0 hrs
222	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 875 hPa	fcst time 0 hrs
223	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
224	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
225	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
226	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
227	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
228	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs

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229	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 550 hPa	fcst time 0 hrs
230	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
231	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
232	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
233	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
234	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
235	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
236	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
237	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
238	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
239	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
240	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
241	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
242	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
243	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
244	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
245	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
246	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
247	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
248	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
249	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
250	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
251	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
252	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
253	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
254	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
255	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
256	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
257	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
258	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
259	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
260	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
261	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs

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262	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
263	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
264	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
265	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
266	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 975 hPa	fcst time 0 hrs
267	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
268	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
269	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 900 hPa	fcst time 0 hrs
270	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
271	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
272	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 800 hPa	fcst time 0 hrs
273	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 750 hPa	fcst time 0 hrs
274	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
275	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 650 hPa	fcst time 0 hrs
276	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
277	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 550 hPa	fcst time 0 hrs
278	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
279	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 450 hPa	fcst time 0 hrs
280	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
281	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 350 hPa	fcst time 0 hrs
282	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
283	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
284	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
285	Specific humidity	kg kg**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
286	Specific humidity	kg kg**-1 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
287	Specific humidity	kg kg**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
288	Specific humidity	kg kg**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
289	Orography	m (instant)	regular_II	surface	level 0	fcst time 0 hrs
290	Surface pressure	Pa (instant)	regular_II	surface	level 0	fcst time 0 hrs

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5.3.4. kim_g128_hkor_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
2	Orography	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
3	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs
4	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
5	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
6	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
7	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
8	U component of wind	m s**-1 (instant)	regular_ll	heightAboveGround	level 80 m	fcst time 0 hrs
9	V component of wind	m s**-1 (instant)	regular_ll	heightAboveGround	level 80 m	fcst time 0 hrs
10	2 metre temperature	K (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
11	2 metre relative humidity	% (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
12	2 metre relative humidity with respect to water	% (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
13	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
14	Large scale water precipitation (non-convective)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
15	Convective water precipitation	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
16	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
17	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
18	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
19	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
20	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
21	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
22	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
23	Planetary boundary layer regime	code table (4.209) (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs

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5.3.5. kim_g128_ne36_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
26	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
27	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
28	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
29	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
30	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs

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24	Connetential Height	anno (in atom)	resules II	is a barial a b Da	Javal 700 hDa	foot time of O byo
31	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
32	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
33	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
34	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
35	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
36	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
37	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
38	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
39	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
40	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
41	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
42	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
43	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
44	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
45	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
46	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
47	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
48	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
49	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
50	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
51	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
52	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
53	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
54	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 875 hPa	fcst time 0 hrs
55	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
56	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
57	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
58	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
59	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
60	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
61	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
62	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
63	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs

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	T =	24.41	1	T	I	14 1
64	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
65	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
66	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
67	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
68	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
69	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
70	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
71	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
72	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
73	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
74	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
75	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
76	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
77	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
78	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
79	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
80	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
81	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
82	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
83	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
84	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
85	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
86	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
87	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
88	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
89	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
90	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
91	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
92	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
93	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
94	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
95	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
96	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
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97	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
98	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
99	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
100	Relative humidity with respect to water	% (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
101	Temperature	K (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
102	Temperature	K (instant)	regular_II	isobaricInhPa	level 950 hPa	fcst time 0 hrs
103	Temperature	K (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
104	Temperature	K (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
105	Temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
106	Temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
107	Temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
108	Temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
109	Temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
110	Temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
111	Temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
112	Temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
113	Temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
114	Temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
115	Temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
116	Temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
117	Temperature	K (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
118	Temperature	K (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
119	Temperature	K (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
120	Temperature	K (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
121	Temperature	K (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
122	Temperature	K (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
123	Temperature	K (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
124	Temperature	K (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
125	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
126	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
127	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
128	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
129	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs

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130	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
131	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
132	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
133	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
134	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
135	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
136	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
137	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
138	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
139	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
140	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
141	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
142	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
143	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
144	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
145	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
146	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
147	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
148	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
149	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
150	U component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
151	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
152	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
153	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
154	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
155	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
156	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
157	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
158	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
159	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
160	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
161	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
162	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs

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163	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
164	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
165	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
166	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
167	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
168	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
169	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
170	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
171	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
172	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
173	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
174	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
175	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 1 hPa	fcst time 0 hrs
176	200	200 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
177	200	200 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
178	200	200 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
179	200	200 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
180	200	200 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
181	200	200 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
182	200	200 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
183	200	200 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
184	200	200 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
185	200	200 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
186	200	200 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
187	200	200 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
188	200	200 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
189	200	200 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
190	200	200 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
191	200	200 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
192	200	200 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
193	200	200 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
194	200	200 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
195	200	200 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs

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196	200	200 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
197	200	200 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
198	200	200 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
199	200	200 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
200	200	200 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs

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5.3.6. kim_g128_ne36_unis

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
2	Sea ice area fraction	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
3	Orography	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
4	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs
5	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
6	Sea surface temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
7	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
8	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
9	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
10	10 metre wind gust in the last 3 hours	m s**-1 (max)	regular_ll	heightAboveGround	level 10 m	fcst time -3-0 hrs (max)
11	2 metre temperature	K (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
12	2 metre relative humidity	% (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
13	2 metre relative humidity with respect to water	% (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
14	Humidity mixing ratio	kg kg-1 (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
15	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
16	2 metre dewpoint temperature	K (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
17	Mean total precipitation flux	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
18	Large scale precipitation (non-convective)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -3-0 hrs (accum)
19	Convective precipitation (water)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -3-0 hrs (accum)
20	Total precipitation	kg m-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
21	Large scale water precipitation (non-convective)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
22	Convective water precipitation	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
23	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
24	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
25	Low cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
26	Medium cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
27	High cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs

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28	Total Cloud Cover	% (instant)	regular_ll	entireAtmosphere	level 0	fcst time 0 hrs
29	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
30	Frictional velocity	m s**-1 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
31	Snow depth	m (instant)	regular_II	surface	level 0	fcst time 0 hrs
32	Snow density	kg m**-3 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
33	Surface roughness	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
34	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
35	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
36	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
37	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
38	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
39	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
40	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
41	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
42	Sensible heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
43	Latent heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
44	Net short wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
45	Net long wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
46	Downward long-wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
47	Downward short-wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
48	Upward long-wave radiation flux	W m**-2 (avg)	regular_ll	nominalTop	level 0	fcst time -3-0 hrs (avg)
49	Downward short-wave radiation flux	W m**-2 (avg)	regular_ll	nominalTop	level 0	fcst time -3-0 hrs (avg)
50	Water equivalent of accumulated snow depth	kg m**-2 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
51	Geometrical height	m (instant)	regular_ll	unknown	level 0 245	fcst time 0 hrs
52	Planetary boundary layer regime	code table (4.209) (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
53	Pressure	Pa (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
54	Pressure	Pa (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
55	32	32 (instant)	regular_ll	isothermZero	level 0	fcst time 0 hrs

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56	Eastward turbulent surface stress	N m**-2 s (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
57	Northward turbulent surface stress	N m**-2 s (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
58	Convective cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
59	Maximum temperature	K (max)	regular_ll	heightAboveGround	level 2 m	fcst time -3-0 hrs (max)
60	Minimum temperature	K (min)	regular_ll	heightAboveGround	level 2 m	fcst time -3-0 hrs (min)

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5.3.7. kim_g512_ne36_pres

	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
2	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
3	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
4	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
5	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
6	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
7	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
8	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
9	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
10	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
11	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
12	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
13	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
14	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
15	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
16	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
17	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
18	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
19	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
20	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
21	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
22	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
23	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
24	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
25	Geometric vertical velocity	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
26	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
27	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
28	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
29	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
30	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs

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31	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
32	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
33	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
34	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
35	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
36	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 250 hPa	fcst time 0 hrs
37	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 200 hPa	fcst time 0 hrs
38	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
39	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 100 hPa	fcst time 0 hrs
40	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
41	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
42	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
43	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
44	Geopotential Height	gpm (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
45	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
46	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
47	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
48	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
49	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
50	Geopotential Height	gpm (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
51	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
52	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
53	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
54	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
55	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
56	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
57	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
58	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
59	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
60	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
61	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
62	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
63	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs

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64	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
65	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
66	Relative humidity	% (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
67	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
68	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
69	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
70	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
71	Relative humidity	% (instant)	regular II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
72	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
73	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
74	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
75	Relative humidity	% (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
76	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
77	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
78	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
79	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
80	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
81	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
82	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
83	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
84	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
85	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
86	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
87	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
88	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
89	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
90	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
91	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
92	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
93	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
94	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
95	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
96	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs

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97	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
98	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
99	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
100	Relative humidity with respect to water	% (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
101	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
102	Temperature	K (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
103	Temperature	K (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
104	Temperature	K (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
105	Temperature	K (instant)	regular_ll	isobaricInhPa	level 850 hPa	fcst time 0 hrs
106	Temperature	K (instant)	regular_ll	isobaricInhPa	level 700 hPa	fcst time 0 hrs
107	Temperature	K (instant)	regular_ll	isobaricInhPa	level 600 hPa	fcst time 0 hrs
108	Temperature	K (instant)	regular_ll	isobaricInhPa	level 500 hPa	fcst time 0 hrs
109	Temperature	K (instant)	regular_ll	isobaricInhPa	level 400 hPa	fcst time 0 hrs
110	Temperature	K (instant)	regular_ll	isobaricInhPa	level 300 hPa	fcst time 0 hrs
111	Temperature	K (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
112	Temperature	K (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
113	Temperature	K (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
114	Temperature	K (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
115	Temperature	K (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
116	Temperature	K (instant)	regular_ll	isobaricInhPa	level 50 hPa	fcst time 0 hrs
117	Temperature	K (instant)	regular_ll	isobaricInhPa	level 30 hPa	fcst time 0 hrs
118	Temperature	K (instant)	regular_ll	isobaricInhPa	level 20 hPa	fcst time 0 hrs
119	Temperature	K (instant)	regular_ll	isobaricInhPa	level 15 hPa	fcst time 0 hrs
120	Temperature	K (instant)	regular_ll	isobaricInhPa	level 10 hPa	fcst time 0 hrs
121	Temperature	K (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
122	Temperature	K (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
123	Temperature	K (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
124	Temperature	K (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
125	Temperature	K (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
126	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
127	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
128	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 925 hPa	fcst time 0 hrs
129	U component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs

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130U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 850 hPa131U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 700 hPa132U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 600 hPa133U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 500 hPa134U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 400 hPa135U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 300 hPa136U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 250 hPa137U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 200 hPa138U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 150 hPa	fcst time 0 hrs
132U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 600 hPa133U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 500 hPa134U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 400 hPa135U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 300 hPa136U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 250 hPa137U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 200 hPa	fcst time 0 hrs
133U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 500 hPa134U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 400 hPa135U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 300 hPa136U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 250 hPa137U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 200 hPa	fcst time 0 hrs
134U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 400 hPa135U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 300 hPa136U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 250 hPa137U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 200 hPa	fcst time 0 hrs
135U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 300 hPa136U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 250 hPa137U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 200 hPa	fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs
136U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 250 hPa137U component of windm s**-1 (instant)regular_IIisobaricInhPalevel 200 hPa	fcst time 0 hrs fcst time 0 hrs fcst time 0 hrs
137 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 200 hPa	fcst time 0 hrs fcst time 0 hrs
	fcst time 0 hrs
138 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 150 hPa	
139 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 100 hPa	fcst time 0 hrs
140 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 70 hPa	fcst time 0 hrs
141 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 50 hPa	fcst time 0 hrs
142 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 30 hPa	fcst time 0 hrs
143 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 20 hPa	fcst time 0 hrs
144 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 15 hPa	fcst time 0 hrs
145 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 10 hPa	fcst time 0 hrs
146 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 7 hPa	fcst time 0 hrs
147 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 5 hPa	fcst time 0 hrs
148 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 3 hPa	fcst time 0 hrs
149 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 2 hPa	fcst time 0 hrs
150 U component of wind m s**-1 (instant) regular_II isobaricInhPa level 1 hPa	fcst time 0 hrs
151 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 1000 hP	fcst time 0 hrs
152 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 950 hPa	fcst time 0 hrs
153 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 925 hPa	fcst time 0 hrs
154 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 875 hPa	fcst time 0 hrs
155 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 850 hPa	fcst time 0 hrs
156 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 700 hPa	fcst time 0 hrs
157 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 600 hPa	fcst time 0 hrs
158 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 500 hPa	fcst time 0 hrs
159 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 400 hPa	fcst time 0 hrs
160 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 300 hPa	fcst time 0 hrs
161 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 250 hPa	fcst time 0 hrs
162 V component of wind m s**-1 (instant) regular_II isobaricInhPa level 200 hPa	fcst time 0 hrs

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163	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 150 hPa	fcst time 0 hrs
164	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
165	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 70 hPa	fcst time 0 hrs
166	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
167	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
168	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
169	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
170	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs
171	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 7 hPa	fcst time 0 hrs
172	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 5 hPa	fcst time 0 hrs
173	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 3 hPa	fcst time 0 hrs
174	V component of wind	m s**-1 (instant)	regular_II	isobaricInhPa	level 2 hPa	fcst time 0 hrs
175	V component of wind	m s**-1 (instant)	regular_ll	isobaricInhPa	level 1 hPa	fcst time 0 hrs
176	200	200 (instant)	regular_II	isobaricInhPa	level 1000 hPa	fcst time 0 hrs
177	200	200 (instant)	regular_ll	isobaricInhPa	level 950 hPa	fcst time 0 hrs
178	200	200 (instant)	regular_II	isobaricInhPa	level 925 hPa	fcst time 0 hrs
179	200	200 (instant)	regular_ll	isobaricInhPa	level 875 hPa	fcst time 0 hrs
180	200	200 (instant)	regular_II	isobaricInhPa	level 850 hPa	fcst time 0 hrs
181	200	200 (instant)	regular_II	isobaricInhPa	level 700 hPa	fcst time 0 hrs
182	200	200 (instant)	regular_II	isobaricInhPa	level 600 hPa	fcst time 0 hrs
183	200	200 (instant)	regular_II	isobaricInhPa	level 500 hPa	fcst time 0 hrs
184	200	200 (instant)	regular_II	isobaricInhPa	level 400 hPa	fcst time 0 hrs
185	200	200 (instant)	regular_II	isobaricInhPa	level 300 hPa	fcst time 0 hrs
186	200	200 (instant)	regular_ll	isobaricInhPa	level 250 hPa	fcst time 0 hrs
187	200	200 (instant)	regular_ll	isobaricInhPa	level 200 hPa	fcst time 0 hrs
188	200	200 (instant)	regular_ll	isobaricInhPa	level 150 hPa	fcst time 0 hrs
189	200	200 (instant)	regular_ll	isobaricInhPa	level 100 hPa	fcst time 0 hrs
190	200	200 (instant)	regular_II	isobaricInhPa	level 70 hPa	fcst time 0 hrs
191	200	200 (instant)	regular_II	isobaricInhPa	level 50 hPa	fcst time 0 hrs
192	200	200 (instant)	regular_II	isobaricInhPa	level 30 hPa	fcst time 0 hrs
193	200	200 (instant)	regular_II	isobaricInhPa	level 20 hPa	fcst time 0 hrs
194	200	200 (instant)	regular_II	isobaricInhPa	level 15 hPa	fcst time 0 hrs
195	200	200 (instant)	regular_II	isobaricInhPa	level 10 hPa	fcst time 0 hrs

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196	200	200 (instant)	regular_ll	isobaricInhPa	level 7 hPa	fcst time 0 hrs
197	200	200 (instant)	regular_ll	isobaricInhPa	level 5 hPa	fcst time 0 hrs
198	200	200 (instant)	regular_ll	isobaricInhPa	level 3 hPa	fcst time 0 hrs
199	200	200 (instant)	regular_ll	isobaricInhPa	level 2 hPa	fcst time 0 hrs
200	200	200 (instant)	regular II	isobaricInhPa	level 1 hPa	fcst time 0 hrs

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	name	units	typeOfGrid	typeOfLevel	level	stemRange
1	Land-sea mask	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
2	Sea ice area fraction	(0 - 1) (instant)	regular_ll	surface	level 0	fcst time 0 hrs
3	Orography	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
4	Surface pressure	Pa (instant)	regular_ll	surface	level 0	fcst time 0 hrs
5	Pressure reduced to MSL	Pa (instant)	regular_ll	meanSea	level 0	fcst time 0 hrs
6	Sea surface temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
7	Temperature	K (instant)	regular_ll	surface	level 0	fcst time 0 hrs
8	10 metre U wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
9	10 metre V wind component	m s**-1 (instant)	regular_ll	heightAboveGround	level 10 m	fcst time 0 hrs
10	10 metre wind gust in the last 3 hours	m s**-1 (max)	regular_ll	heightAboveGround	level 10 m	fcst time -3-0 hrs (max)
11	2 metre temperature	K (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
12	2 metre relative humidity	% (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
13	2 metre relative humidity with respect to water	% (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
14	Humidity mixing ratio	kg kg-1 (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
15	Specific humidity	kg kg**-1 (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
16	2 metre dewpoint temperature	K (instant)	regular_ll	heightAboveGround	level 2 m	fcst time 0 hrs
17	Mean total precipitation flux	kg m**-2 s**-1 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
18	Large scale precipitation (non-convective)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -3-0 hrs (accum)
19	Convective precipitation (water)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time -3-0 hrs (accum)
20	Total precipitation	kg m-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
21	Large scale water precipitation (non-convective)	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
22	Convective water precipitation	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
23	Large scale snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
24	Convective snow	kg m**-2 (accum)	regular_ll	surface	level 0	fcst time 0 hrs (accum)
25	Low cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
26	Medium cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
27	High cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs

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28	Total Cloud Cover	% (instant)	regular_ll	entireAtmosphere	level 0	fcst time 0 hrs
29	Planetary boundary layer height	m (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
30	Frictional velocity	m s**-1 (instant)	regular_ll	heightAboveGround	level 0 m	fcst time 0 hrs
31	Snow depth	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
32	Snow density	kg m**-3 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
33	Surface roughness	m (instant)	regular_ll	surface	level 0	fcst time 0 hrs
34	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
35	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
36	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
37	19	19 (instant)	regular_ll	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
38	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.0-0.1 m	fcst time 0 hrs
39	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.1-0.4 m	fcst time 0 hrs
40	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 0.4-1 m	fcst time 0 hrs
41	Soil temperature	K (instant)	regular_ll	depthBelowLandLayer	levels 1-2 m	fcst time 0 hrs
42	Sensible heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
43	Latent heat net flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
44	Net short wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
45	Net long wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
46	Downward long-wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
47	Downward short-wave radiation flux	W m**-2 (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
48	Upward long-wave radiation flux	W m**-2 (avg)	regular_ll	nominalTop	level 0	fcst time -3-0 hrs (avg)
49	Downward short-wave radiation flux	W m**-2 (avg)	regular_ll	nominalTop	level 0	fcst time -3-0 hrs (avg)
50	Water equivalent of accumulated snow depth	kg m**-2 (instant)	regular_ll	surface	level 0	fcst time 0 hrs
51	Geometrical height	m (instant)	regular_ll	unknown	level 0 245	fcst time 0 hrs
52	Planetary boundary layer regime	code table (4.209) (instant)	regular_ll	unknown	level 0 220	fcst time 0 hrs
53	Pressure	Pa (instant)	regular_ll	unknown	level 0 242	fcst time 0 hrs
54	Pressure	Pa (instant)	regular_ll	unknown	level 0 243	fcst time 0 hrs
55	32	32 (instant)	regular_ll	isothermZero	level 0	fcst time 0 hrs

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56	Eastward turbulent surface stress	N m**-2 s (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
57	Northward turbulent surface stress	N m**-2 s (avg)	regular_ll	surface	level 0	fcst time -3-0 hrs (avg)
58	Convective cloud cover	% (instant)	regular_ll	unknown	level 0 200	fcst time 0 hrs
59	Maximum temperature	K (max)	regular_ll	heightAboveGround	level 2 m	fcst time -3-0 hrs (max)
60	Minimum temperature	K (min)	regular_ll	heightAboveGround	level 2 m	fcst time -3-0 hrs (min)

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5.4. GK2A AMI L1B 메타데이터

이 절에서는 GK2A AMI L1B DataReader 에 사용되는 메타데이터를 설명한다.

GK2A AMI L1B 기상자료의 설정 파일에서 USE_PHYSICAL_VALUE 를 true 로 설정할 경우 기상자료의 값을 physical value 로 변경해서 사용할 수 있다.

기상자료를 physical value 로 변경할 때 gain, composite 값이 사용되는데, 라이브러리는 이 값을 GK2A L1B Calibration Table 에서 가져와 사용한다.



Figure 5 국가기상위성센터 GK2A L1B Calibration Table

이 데이터와 다른 값을 사용하고 싶다면 DataLoader 의 gk2aAmiCalibrationTable 인자에 새로운 메타데이터의 경로를 입력하면 된다.

새로운 메타데이터는 기본 메타데이터와 동일한 형식이어야 하며, 다른 형식을 가질 경우 비정상적인 실행 혹은 에러가 발생할 수 있다.

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