طریقه‌ی کارکردن با Parameter pictures api

برای ارسال درخواست و دریافت نتیجه باید ۵ پارامتر را وارد کنید:

۱- model

۲-datetime (بر اساس تاریخ های موجود در dates API)

۳-domain

۴-parameter

۵-pic\_name

به عنوان مثال به صورت زیر درخواست خود را وارد کنید.

<http://87.248.150.185:8000/api/paramspic/?model=WRF01&datetime=2023090800&domain=ME_NV&parameter=KINDEX&pic_name=IMG-AA016.ME.NV.2023090800.154>

مثالی از هر پارامتر:

model:

WRF01 or WRF02

datetime:

2023090800

domain:

IR\_NV or ME\_NV

parameter and pic\_name:

10FIRVV: 10000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA027.{PARAMETER}.{date}.000.png

…

IMG-AA027.{PARAMETER}. {date}.157.png

10-5TSP: 1000-500 Thickness [dm] and Sea Level Pressure [mb]:

IMG-AA008.{PARAMETER}. {date}.000.png

…

IMG-AA008.{PARAMETER}. {date}.157.png

15FIRVV: 15000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA028.{PARAMETER}. {date}.000.png

…

IMG-AA028.{PARAMETER}. {date}.157.png

20FIRVV: 20000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA029.{PARAMETER}. {date}.000.png

…

IMG-AA029.{PARAMETER}. {date}.157.png

200HIT: 200 mb Heights [m] Isotachs [kts] Temp [C]:

IMG-AA003.{PARAMETER}. {date}.000.png

…

IMG-AA003.{PARAMETER}. {date}.157.png

200SLI: 200 mb Streamlines, Isotachs [kts]:

IMG-AA034.{PARAMETER}. {date}.000.png

…

IMG-AA034.{PARAMETER}. {date}.157.png

22-30CAT: 22K-30K ft Clear Air Turbulence 6700 - 9.14:

IMG-AA012.{PARAMETER}. {date}.000.png

…

IMG-AA012.{PARAMETER}. {date}.157.png

24hAST: 24-hour Average Surface Temperature [degC]:#

24MAXST: 24-hour Maximmum Surface Temperature [degC]:#

24MINST: 24-hour Minumum Surface Temperature [degC]:#

25FIRVV: 25000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA030.{PARAMETER}. {date}.000.png

…

IMG-AA030.{PARAMETER}. {date}.157.png

30FIRVV: 30000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA031.{PARAMETER}. {date}.000.png

…

IMG-AA031.{PARAMETER}. {date}.157.png

300HIT: 300 mb Heights [m] Isotachs [kts] Temp [C]:

IMG-AA004.{PARAMETER}. {date}.000.png

…

IMG-AA004.{PARAMETER}. {date}.157.png

30-38CAT: 30K-38K ft Clear Air Turbulence 9.14 - 11.6:

IMG-AA011.{PARAMETER}. {date}.000.png

…

IMG-AA011.{PARAMETER}. {date}.157.png

35FIRVV: 35000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA032.{PARAMETER}. {date}.000.png

…

IMG-AA032.{PARAMETER}. {date}.157.png

5FIRVV: 5000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA026.{PARAMETER}. {date}.000.png

…

IMG-AA026.{PARAMETER}. {date}.157.png

500HRV: 500 mb Heights [m] and Rel. Vort [10-5 s-1]:

IMG-AA005.{PARAMETER}. {date}.000.png

…

IMG-AA005.{PARAMETER}. {date}.157.png

700RHVV: 700 mb heights, Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA006.{PARAMETER}. {date}.000.png

…

IMG-AA006.{PARAMETER}. {date}.157.png

700VVPPR: 700 mb Vertical Velocity [Pa/s]:

IMG-AA033.{PARAMETER}. {date}.000.png

…

IMG-AA033.{PARAMETER}. {date}.157.png

7DAST: 7 Days Average Surface Temperature [degC]:#

7DMAXST: 7 Days Maximum Surface Temperature [degC]:#

7DMINST: 7 Days Minumum Surface Temperature [degC]:#

853RH: 800, 500 and 300 mb Relative Humidity [%]:

IMG-AA036.{PARAMETER}. {date}.000.png

…

IMG-AA036.{PARAMETER}. {date}.157.png

850TWRH: 850 mb Temperature [C], winds [kts] and Rel. Hum. [%]:

IMG-AA007.{PARAMETER}. {date}.000.png

…

IMG-AA007.{PARAMETER}. {date}.157.png

KINDEX: K-Index:

IMG-AA016.{PARAMETER}. {date}.000.png

…

IMG-AA016.{PARAMETER}. {date}.157.png

PWCAPE: Precipitable Water [mm], Convective Available Potential Energy [J/kg]:

IMG-AA035.{PARAMETER}. {date}.000.png

…

IMG-AA035.{PARAMETER}. {date}.157.png

P12APR: Previous 12-hr Precipitation Rate:#

P24APR: Previous 24-hr Precipitation Rate:#

P03APR: Previous 3-hr Precipitation Rate [mm] and Sea Level Pressure [mb]:

IMG-AA009.{PARAMETER}. {date}.000.png

…

IMG-AA009.{PARAMETER}. {date}.157.png

P06APR: Previous 6-hr Precipitation Rate:#

P7DAPR: Previous 7 Days Precipitation Rate:#

SSTemp: Sea Surface Temperature:

IMG-AA025.{PARAMETER}. {date}.000.png

…

IMG-AA025.{PARAMETER}. {date}.157.png

SWBSI: Surface (10 meter) Wind Barbs, Streamlines, Isotachs [kts]:

IMG-AA001.{PARAMETER}. {date}.000.png

…

IMG-AA001.{PARAMETER}. {date}.157.png

Stemp: Surface Temperature [degC]:

IMG-AA002.{PARAMETER}. {date}.000.png

…

IMG-AA002.{PARAMETER}. {date}.157.png

SVIS: Surface Visibility:

IMG-AA017.{PARAMETER}. {date}.000.png

…

IMG-AA017.{PARAMETER}. {date}.157.png

SWSLP: Surface Winds [kts], Sea Level Pressure [mb]:

IMG-AA037.{PARAMETER}. {date}.000.png

…

IMG-AA037.{PARAMETER}. {date}.157.png

TPres: Tropopause Pressure [mb]:

IMG-AA015.{PARAMETER}. {date}.000.png

…

IMG-AA015.{PARAMETER}. {date}.157.png

اصلاحات جدید:

40FIRVV: 40000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA046.{PARAMETER}. {date}.000.png

…

IMG-AA046.{PARAMETER}. {date}.157.png

45FIRVV: 45000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA047.{PARAMETER}. {date}.000.png

…

IMG-AA047.{PARAMETER}. {date}.157.png

50FIRVV: 50000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA048.{PARAMETER}. {date}.000.png

…

IMG-AA048.{PARAMETER}. {date}.157.png

55FIRVV: 55000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA049.{PARAMETER}. {date}.000.png

…

IMG-AA049.{PARAMETER}. {date}.157.png

60FIRVV: 60000 ft Isotachs [kts], Rel. Hum. [%], Vertical Velocity [Pa/s]:

IMG-AA050.{PARAMETER}. {date}.000.png

…

IMG-AA050.{PARAMETER}. {date}.157.png

SDC: Surface Dust Concentration:#

IMG-AA040.{PARAMETER}. {date}.000.png

…

IMG-AA040.{PARAMETER}. {date}.157.png