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## GFSPars Temperature Averages and Anomalies

### Dekadal

#### Windows Task Scheduler

**Dekadal Temperature and Anomalies from GFSPars** windows scheduler task using commands below runs at **7:30 AM (CT)** on the **1<sup>st</sup>, 11<sup>th</sup>, and 21<sup>st</sup>** of each month.

Command:

- D:\FEWS\DataPortal\_iraq\bin\centralasia\afghanistan\dekadal\gfscлимпars\afghanistan\_dekadal\_gfs\_temp.py
- D:\FEWS\DataPortal\_iraq\bin\middleeast\iraq\dekadal\gfscлимпars\iraq\_dekadal\_gfs\_temp.py

### Afghanistan

#### Product page(s) with documentation

<http://earlywarning.usgs.gov/fews/product/38>

#### Python script(s)

Location in “bin” folder →

D:\FEWS\DataPortal\_iraq\bin\asia\centralasia\afghanistan\dekadal\gfscлимпars

- afghanistan\_dekadal\_gfs\_temp\_config.py → **Configuration file.**
- afghanistan\_dekadal\_gfs\_temp.py → **Creates daily and dekadal average temperature, and anomaly (difference with the Afghanistan IWMI long term data) grids. The extent of the daily and dekadal grids covers Central Asia and Iraq regions. The**

input data for this process is the Global Daily GFS climate parameter data.

Python script required from “lib” folder → dekadal\_climpar\_processes.py,  
periodicity\_calculator.py, dekadal\_functions.py

### Products

Grids →

D:\FEWS\DataPortal\_iraq\data\CentralAsia\Afghanistan\Dekadal\GFS-Temp\grid  
(includes daily and dekadal grids)

### Command line

USAGE: afghanistan\_dekadal\_gfs\_temp.py YYYYDD

where YYYY is the 4 digit year and.. DD is the 2 digit dekad of the year  
(01-36).. YYYYDD is an optional input, so the default input information is  
today's date.

### **Example**

> afghanistan\_dekadal\_gfs\_temp.py 201425

## **Iraq (Iraq Tigris-Euphrates)**

Product page(s) with documentation

<http://earlywarning.usgs.gov/fews/product/77>

### Python script(s)

Location in “bin” folder →

D:\FEWS\DataPortal\_iraq\bin\asia\middleeast\iraq\dekadal\gfsclimpar

- iraq\_dekadal\_gfs\_temp\_config.py → **Configuration file.**
- iraq\_dekadal\_gfs\_temp.py → **Creates the temperature and anomaly graphic for Iraq with nine maps in PNG format. The input data for this process is the grid files from the Afghanistan dekadal temperature process and the Iraq IWMI long term average grids.**

Python script required from “lib” folder → dekadal\_climpar\_processes.py,  
periodicity\_calculator.py, dekadal\_functions.py

### Products

Graphics →

D:\FEWS\DataPortal\_iraq\data\MiddleEast\Iraq\Dekadal\GFS-Temp\graphics\anomdek  
(PNG files)

### Command line

USAGE: iraq\_dekadal\_gfs\_temp\_graphic.py YYYYDD

where YYYY is the 4 digit year and.. DD is the 2 digit dekad of the year  
(01-36).. YYYYDD is an optional input, so the default input information is  
today's date.

### **Example**

```
> iraq_dekadal_gfs_temp_graphic.py 201425
```