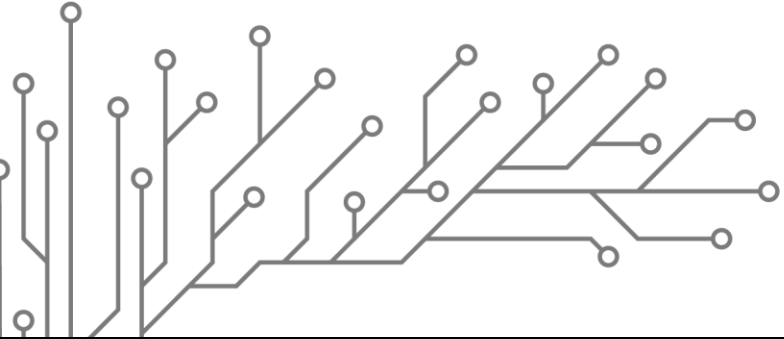


Miroslav Havránek

# Požár ČŠ očima systému Copernicus

6.6.2023



EFFIS

jc-effis@ec.europa.eu

Login to access admin area



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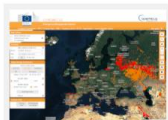
# European Forest Fire Information System EFFIS

## Welcome to EFFIS

EFFIS - European Forest Fire Information System - supports the services in charge of the protection of forests against fires in the EU and neighbor countries and provides the European Commission services and the European Parliament with updated and reliable information on wildland fires in Europe.

Since 1998, EFFIS is supported by a network of experts from the countries in what is called the [Expert Group on Forest Fires](#), which is registered under the Secretariat General of the European Commission. Currently, this group consists on experts from 43 countries in European, Middle East and North African countries. In 2015, EFFIS became one of the components of the [Emergency Management Services](#) in the EU Copernicus program. A number of specific applications are available through EFFIS:

### EFFIS applications



#### Current Situation Viewer

The most up to date information on the current fire season in Europe and in the Mediterranean area.

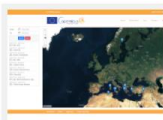
[Read more >](#)



#### Current Statistics Portal

Statistics are provided at national level and also for 3 groups of countries: EU, European non-EU countries, and Middle East and North Africa countries.

[Read more >](#)



#### Firenews

Fire news is an application that collects, geo-locates and stores in a database fire news published in the internet in all the EU and other languages, allowing the user to filter the news on the basis of geographical scope, keywords, etc.

[Read more >](#)

### New features

Get up-to-date countries statistics by the new [Current Statistics Portal](#)

Make your specific requests of data by the new [Data Request Form](#)

### Visit our

[Global Wildfire Information System Viewer](#)

### EFFIS Damage Assessment

#### EFFIS Burned Area (ha)

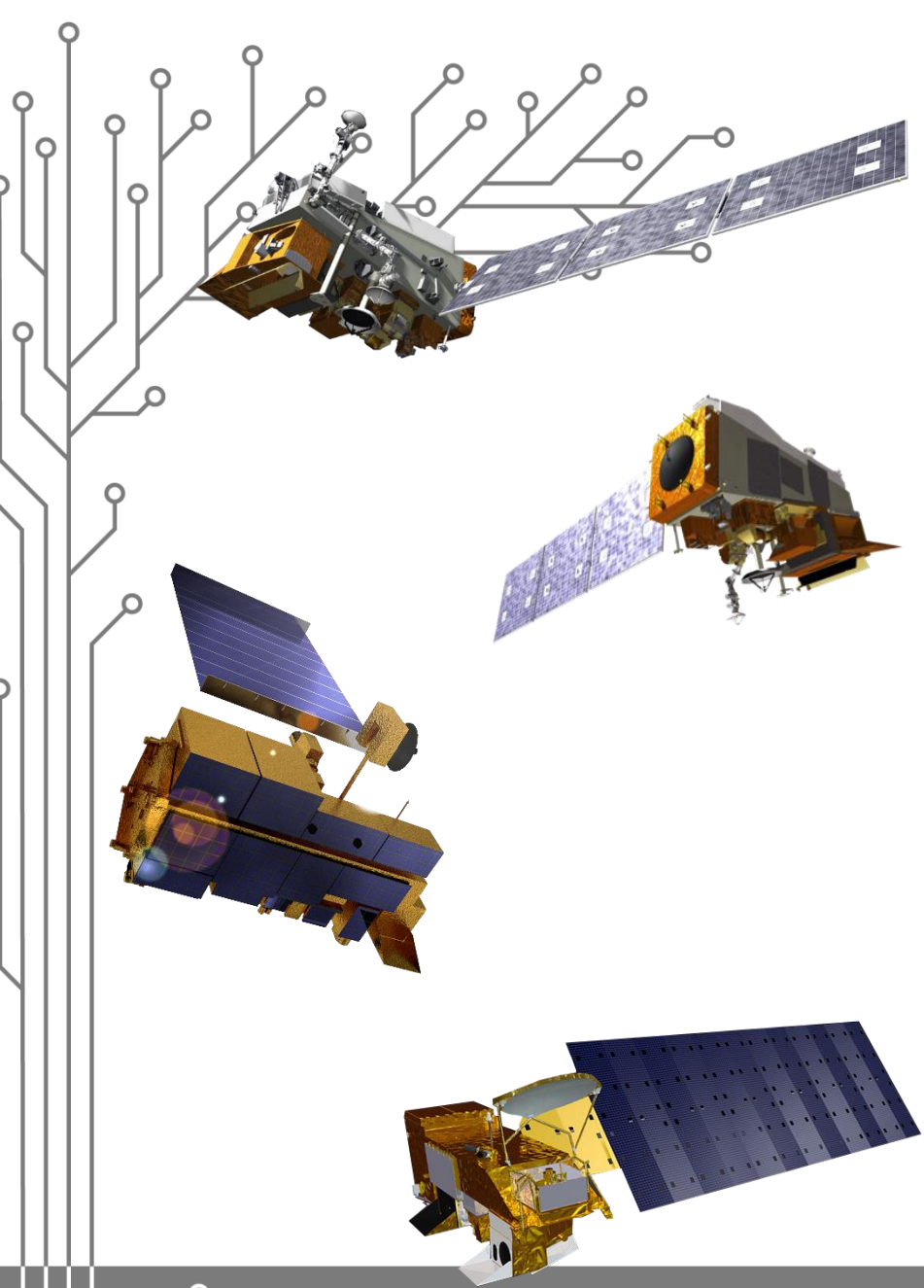
Total EU Countries	
Mapped (66% forest)	799762
Estimated	841854
Total EFFIS Coverage	
Mapped	1555174
Estimated	1637276

OneDrive\_2022-09....zip

Zobrazit vše







## 23 Jul 2022

Sunrise: 05:23; Noon: 13:10; Sunset: 20:58

Satellite Name		Start			Highest				End				Diagram of pass	
		Time	Dir	Alt	Mag	Time	Dir	Alt	Mag	Time	Dir	Alt		Mag
NOAA 20	6 days ago	01:33:54	NE	10°	9.7 ?	01:37:35	E	18°	7.4 ?	01:41:09	SE	10°	7.2 ?	Chart...
NOAA 20	6 days ago	03:12:59	NNE	10°	11.3 ?	03:18:46	SW	75°	5.0 ?	03:23:48	SSW	10°	6.7 ?	Chart...
NOAA 20	6 days ago	04:54:29	NNW	10°	8.8 ?	04:58:18	WNW	17°	7.0 ?	05:01:12	W	10°	6.9 ?	Chart...
NOAA 20	6 days ago	11:26:19	ENE	10°	8.4 ?	11:27:26	NE	11°	8.1 ?	11:28:28	NNE	10°	7.9 ?	Chart...
NOAA 20	6 days ago	13:01:15	SE	10°	9.3 ?	13:06:47	NE	47°	7.1 ?	13:11:34	N	10°	7.4 ?	Chart...
NOAA 20	6 days ago	14:42:04	SSW	10°	9.9 ?	14:47:04	W	31°	9.0 ?	14:51:36	NNW	10°	7.9 ?	Chart...

## 23 Jul 2022

Sunrise: 05:23; Noon: 13:10; Sunset: 20:58

Satellite Name		Start			Highest				End				Diagram of pass	
		Time	Dir	Alt	Mag	Time	Dir	Alt	Mag	Time	Dir	Alt		Mag
SUOMI NPP	6 days ago	02:23:25	NNE	10°	10.1	02:28:46	ESE	42°	4.8	02:33:38	S	10°	5.6	Chart...
SUOMI NPP	6 days ago	04:03:50	N	10°	8.8	04:08:44	WNW	35°	4.8	04:13:33	SW	10°	5.5	Chart...
SUOMI NPP	6 days ago	12:13:04	ESE	10°	7.8	12:17:21	NE	22°	6.3	12:21:11	N	10°	6.2	Chart...
SUOMI NPP	6 days ago	13:51:27	S	10°	8.3	13:56:57	W	74°	7.7	14:02:14	NNW	10°	6.3	Chart...
SUOMI NPP	6 days ago	15:35:41	WSW	10°	9.1	15:38:00	W	13°	8.4	15:40:17	WNW	10°	7.6	Chart...

## 23 Jul 2022

Sunrise: 05:23; Noon: 13:10; Sunset: 20:58

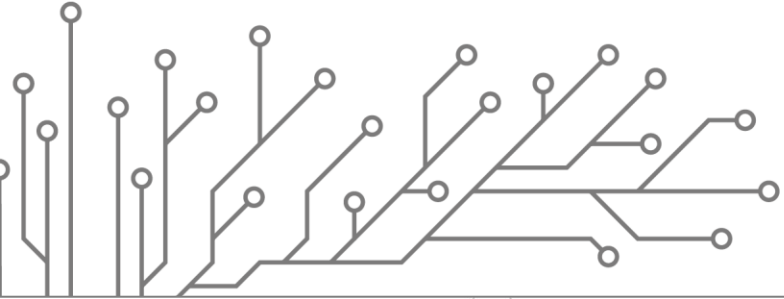
Satellite Name		Start			Highest				End				Diagram of pass	
		Time	Dir	Alt	Mag	Time	Dir	Alt	Mag	Time	Dir	Alt		Mag
TERRA	6 days ago	11:32:32	NNE	10°	4.7	11:37:32	ESE	55°	8.9	11:41:55	S	10°	6.5	Chart...
TERRA	6 days ago	13:10:55	N	10°	4.4	13:14:51	WNW	23°	4.3	13:18:23	WSW	10°	5.7	Chart...
TERRA	5 days ago	21:07:32	E	10°	3.8	21:11:02	NE	18°	4.0	21:13:54	NNE	10°	5.7	Chart...
TERRA	5 days ago	22:43:10	S	10°	3.8	22:48:06	WNW	76°	2.5	22:52:42	NNW	10°	8.4	Chart...

## 23 Jul 2022

Sunrise: 05:23; Noon: 13:10; Sunset: 20:58

Satellite Name		Start			Highest				End				Diagram of pass	
		Time	Dir	Alt	Mag	Time	Dir	Alt	Mag	Time	Dir	Alt		Mag
AQUA	6 days ago	02:01:35	NE	10°	9.2	02:05:07	E	20°	6.4	02:08:33	SE	10°	6.1	Chart...
AQUA	6 days ago	03:38:31	N	10°	9.8	03:43:21	W	61°	4.2	03:47:55	SSW	10°	5.7	Chart...
AQUA	6 days ago	05:18:29	NNW	10°	7.0	05:20:12	NW	11°	6.3	05:21:35	WNW	10°	6.1	Chart...
AQUA	6 days ago	13:11:50	SE	10°	8.1	13:16:22	ENE	38°	6.0	13:20:35	N	10°	6.4	Chart...
AQUA	6 days ago	14:49:44	SSW	10°	8.9	14:54:20	W	32°	7.9	14:58:18	NNW	10°	6.9	Chart...





Stávající den  
----->

Předchozí  
dny -->

**25.7.2022**

VIIRS

MODIS

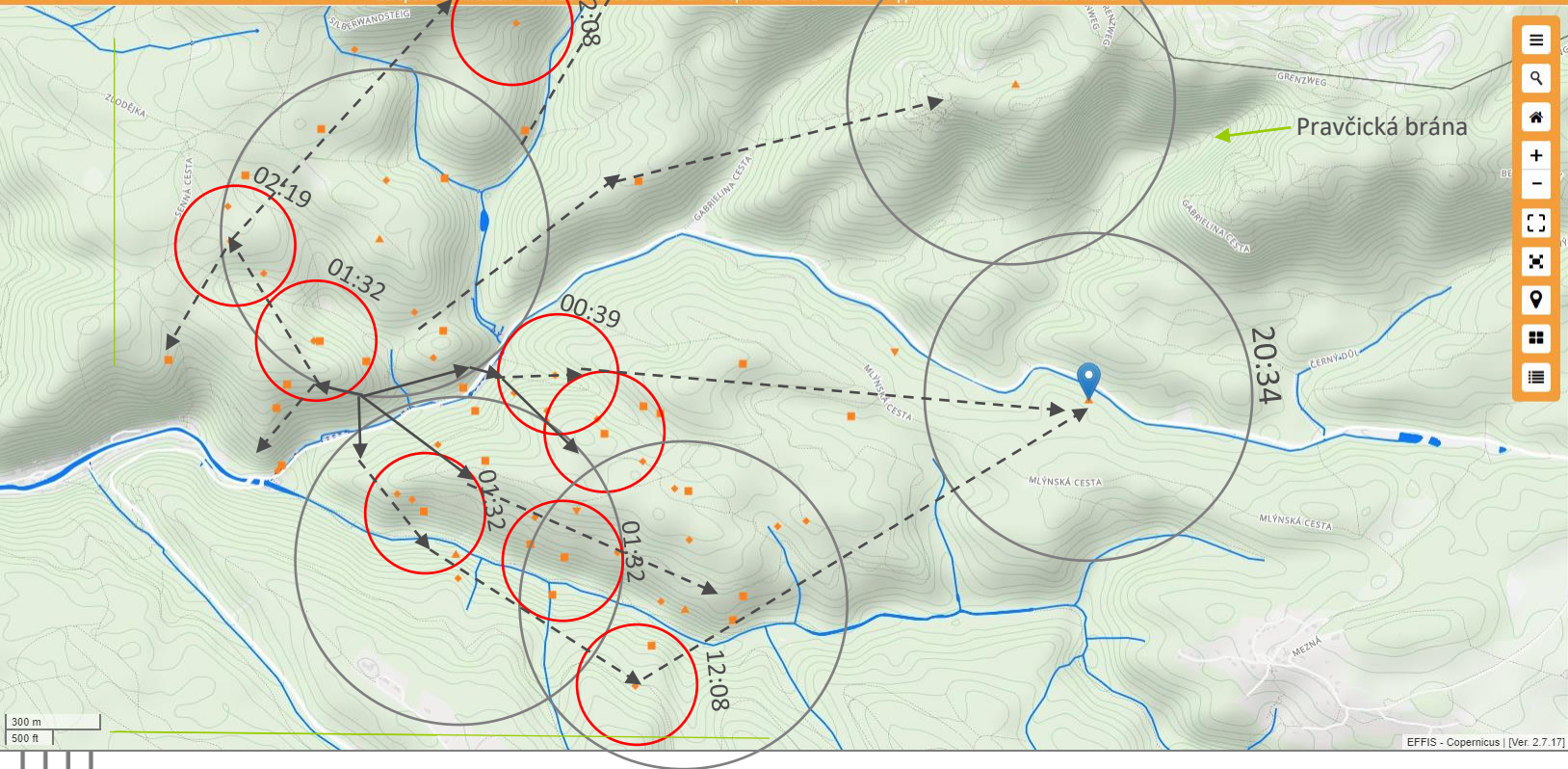


COPERNICUS  
Emergency Management Service



European Commission > JRC EU Science Hub > DRM > Copernicus EMS > EFFIS > Applications > Current Situation Viewer

[user guide] ↑

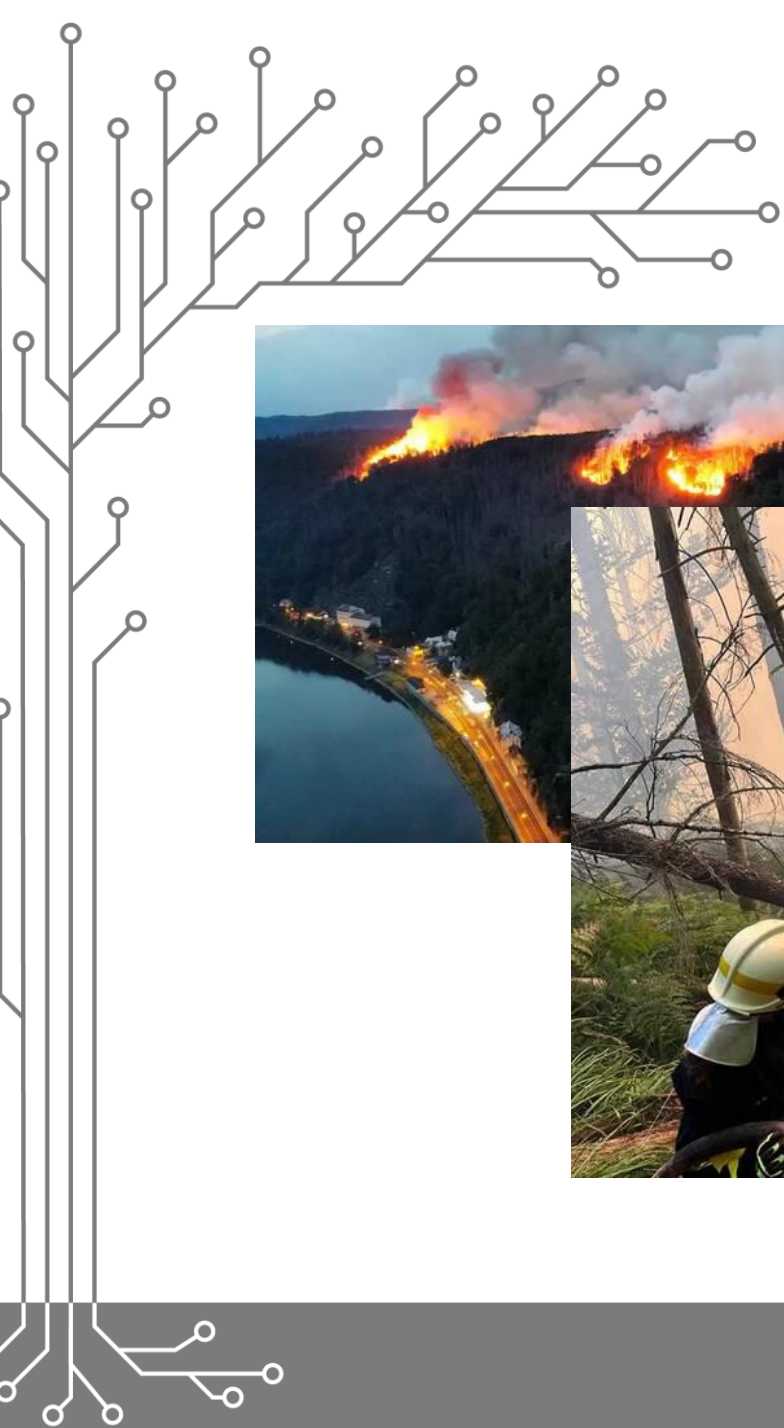


MODIS Active Fires	
Country	
Satellite	MODIS TERRA
Latitude	50.87611 °
Longitude	14.28806 °
Detection Date	25 Jul 2022
Detection Time	20:34
Confidence	Nominal
Fire Radiative Power	6.6
Day-Night	Night
Along-Scan Pixel Size	1010 m
Along-Track Pixel Size	1010 m
MIR Brightness Temperature	308.80000000000000000000 °K
TIR Brightness Temperature	293.60000000000000000000 °K
GLC Class	0
ISO3	
Admin 1	
Admin 2	

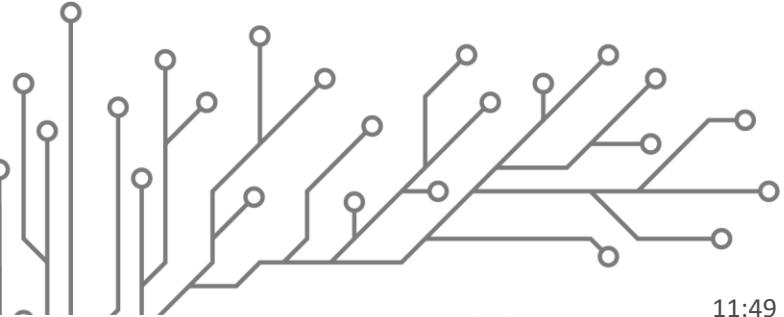
300 m  
500 ft

EFFIS - Copernicus | [Ver. 2.7.17]









26.7.2022

VIIRS

Stávající den

MODIS

Předchozí dny

11:49

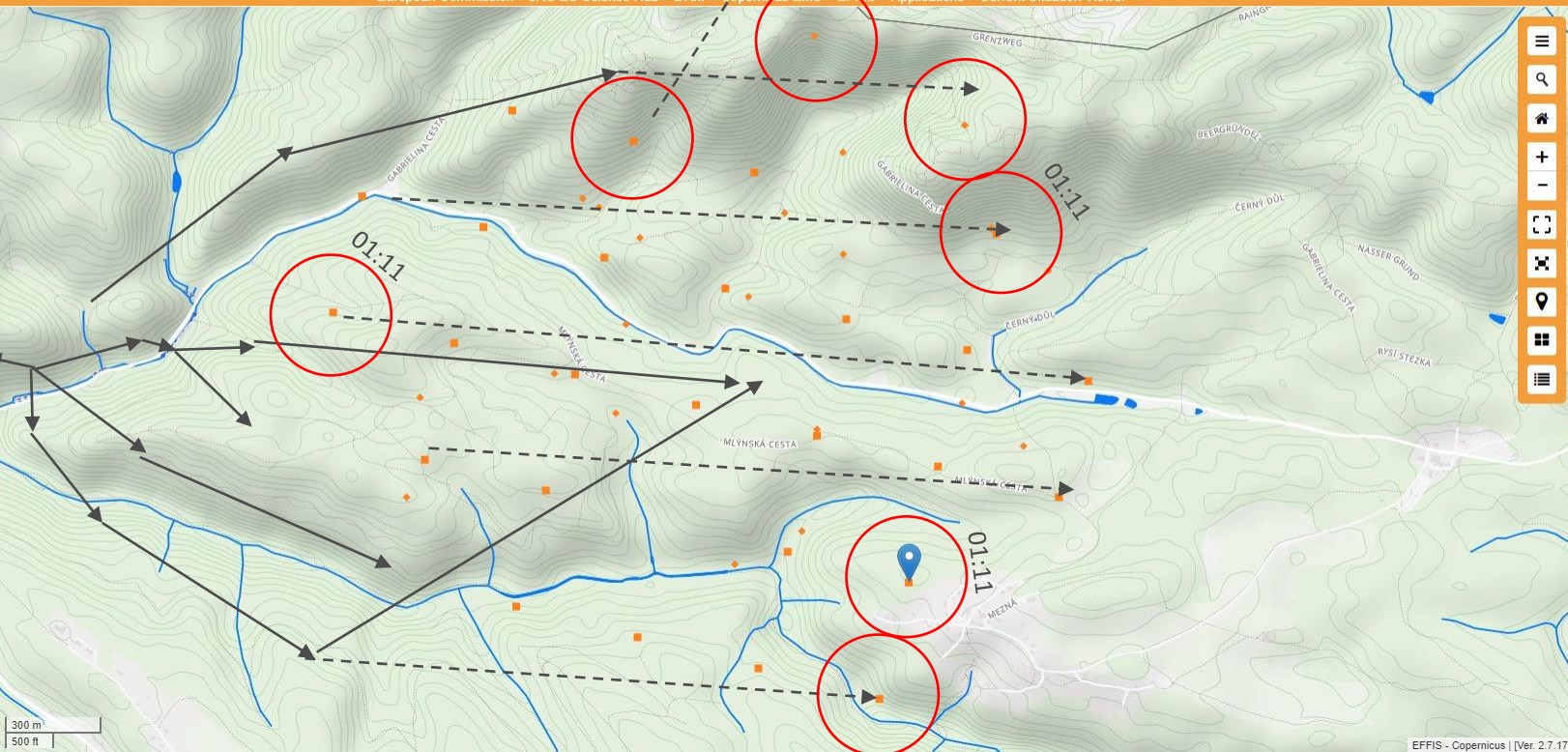


COPERNICUS  
Emergency Management Service



European Commission > JRC EU Science Hub > DRM > Copernicus EMS > EFFIS > Applications > Current Situation Viewer

[user guide]

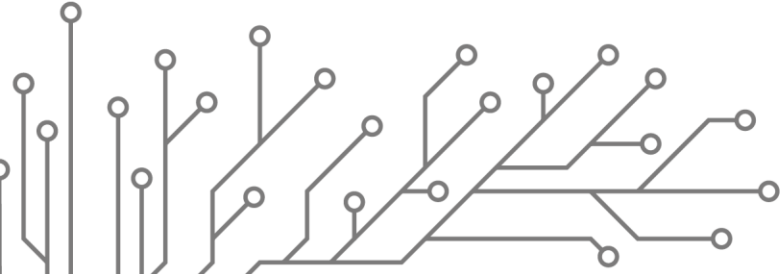


VIIRS Active Fires	
Country	
Satellite	S-NPP/VIIRS
Latitude	50.86991 °
Longitude	14.29362 °
Detection Date	26 Jul 2022
Detection Time	01:11
Confidence	High
Fire Radiative Power	9.6
Day-Night	Night
Along-Scan Pixel Size	380 m
Along-Track Pixel Size	360 m
MIR Brightness Temperature	356.10000000000000000000 °K
TIR Brightness Temperature	257.70000000000000000000 °K
GLC Class	0
ISO3	
Admin 1	
Admin 2	

300 m  
500 ft

EFFIS - Copernicus | [Ver. 2.7.17]





**27-28.7.2022**

**VIIRS**

Stávající den

**MODIS**

Předchozí dny



**COPERNICUS**  
Emergency Management Service



European Commission > JRC EU Science Hub > DRM > Copernicus EMS > EFFIS > Applications > Current Situation Viewer

[user guide]

**Map Options**

- Human Settlement Layer
- Protected Areas Layer
- CCI Landcover

**Forecasts**

**FIRE DANGER FORECAST**

Source: ECMWF (8 km res.)

Index: Fire Weather Index (FWI)

Date: 29 Jul 2022

**Rapid Damage Assessment**

Select a date-range

Last 1 Day | Last 7 Days | Last 30 Days

Fire Season

From: 27 Jul 2022 To: 28 Jul 2022

**ACTIVE FIRES**

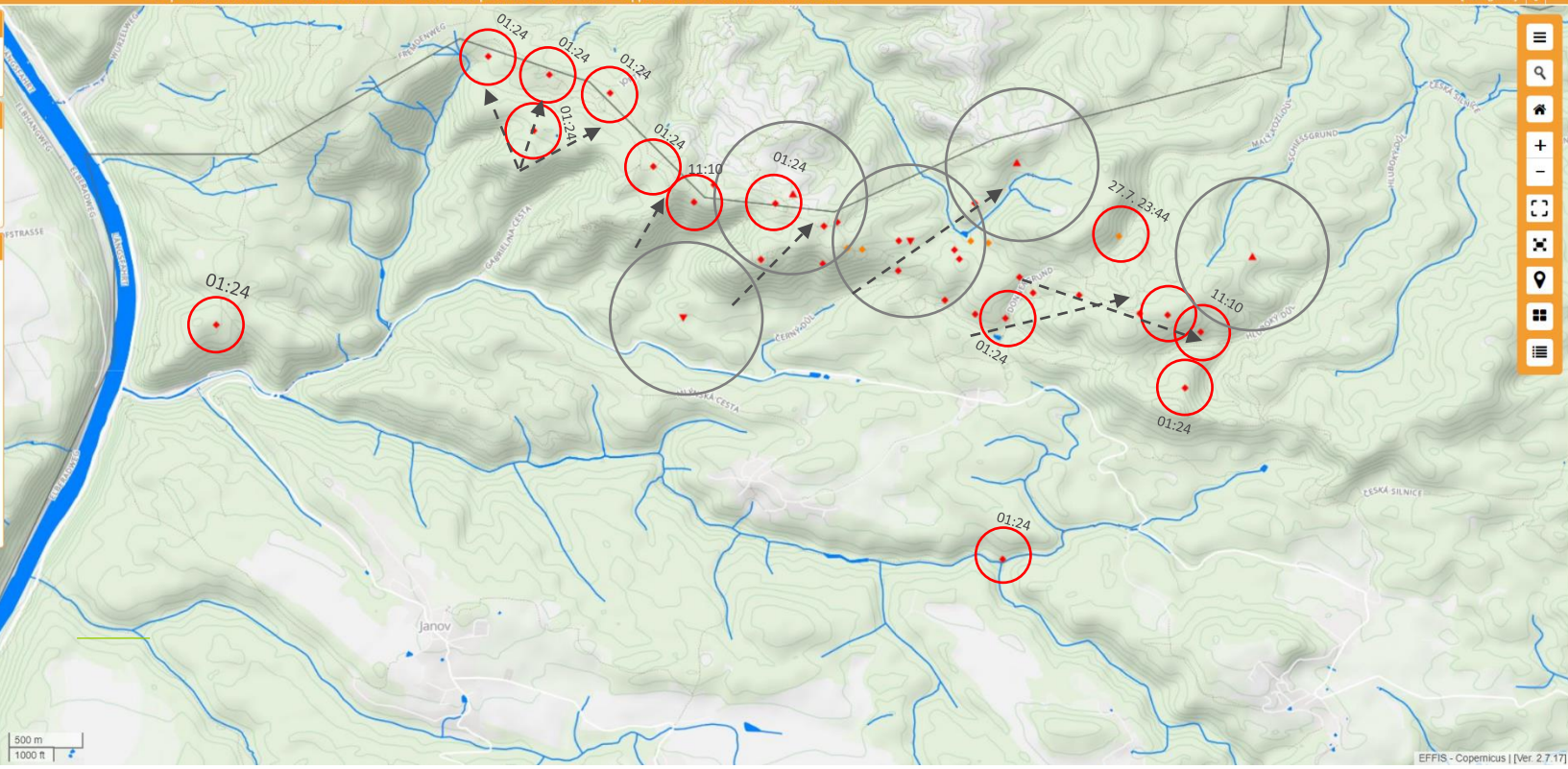
- MODIS
- VIIRS

**BURNT AREAS**

- MODIS/SENTINEL2 (supervised)
- VIIRS Section temporarily unavailable

Burnt Area Locator

**FUELS**



EFFIS - Copernicus | Ver. 2.7.17





Děkuji za  
pozornost

