VISOR: Real time observations visualizer


AEMET (Spanish Meteorological Agency)

3rd European Nowcasting Conference

24 – 26 April 2019, Madrid, Spain
VISOR: web visualizer for real time observations

How it works?
Zoom in and zoom out
Menu

Weather station filters

Surface weather stations

Warnings

Lightning information

Satellite products

Web cams & soundings

Several maps, limits, color scales...
Surface weather stations
Satellite (NWCSAF CRR)
Satellite (Sandwich) Transparency level
Weather soundings
Potential Adversity Parameters PAD2 and PAD3

Parameters PAD2 and PAD3 represent the Potential ADversity 2D y 3D, respectively. It is classification that provides fast information to the forecaster.

Cell characteristics used to compute PAD2 and PAD3:

**YRADAR 2D:**
- Horizontal size
- Max horizontal reflectivity
- Max VIL
- Speed
- Lightning activity

**YRADAR 3D:**
- Max. Reflectivity
- Speed
- VIL Density
- Vertical size
- Organized convection
- Hail occurrence

**Levels:**
- 0 – no adversity
- 1 – high adversity
- 2 – very high adversity
Jueves 11 - 00:00:00
Estaciones: 16:40 - 17:43
0/0

YRadar2D: 17:40

Hora: 17:40
Análisis
id: PMA_14  núm.: 286  zmax: 54.5  ZMED: 37.5  rMax: 9.202
latcen: 40.403  loncen: 3.396  escen: 14.2  vit: 5.92

Rayos
neg: 3  ray: 3  nV/m: 0.116

Distmax: 3.356  latcen: 40.387  loncen: 3.421

Movimiento
ant: PMA_14  dim: 13.9  vitm: 25.4

Adversidad
adv: 1
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Thanks for your attention!!