Entité : MétéoObservée

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[document généré automatiquement] (https://docs.google.com/presentation/d/e/2PACX-1vTs-Ng5dIAwkg91oTTUdt8ua7woBXhPnwavZ0FxgR8BsAI_Ek3C5q97Nd94HS8KhP-r_quD4H0fgyt3/pub?start=false&loop=false&delayms=3000#slide=id.gb715ace035_0_60)

Description globale : **Observation des conditions météorologiques à un endroit et à un moment donnés. Ce modèle de données a été développé en coopération avec les opérateurs de téléphonie mobile et la GSMA.

version : 0.3.3

Liste des propriétés

[*] S'il n'y a pas de type dans un attribut, c'est parce qu'il peut avoir plusieurs types ou différents formats/modèles.
-

```
address[object]
```

: L'adresse postale . Model: https://schema.org/address
-

```
addressCountry[string]
```

: Le pays. Par exemple, l'Espagne . Model: https://schema.org/addressCountry
-

```
addressLocality[string]
```

: La localité dans laquelle se trouve l'adresse postale et qui se trouve dans la région . Model: https://schema.org/addressLocality
-

```
addressRegion[string]
```

: La région dans laquelle se trouve la localité et qui se trouve dans le pays . Model: https://schema.org/addressRegion
-

```
district[string]
```

: Un district est un type de division administrative qui, dans certains pays, est géré par le gouvernement local.
-

```
postOfficeBoxNumber[string]
```

: Le numéro de la boîte postale pour les adresses de boîtes postales. Par exemple, 03578 . Model: https://schema.org/postOfficeBoxNumber
-

```
postalCode[string]
```

: Le code postal. Par exemple, 24004 . Model: https://schema.org/https://schema.org/postalCode
-

```
streetAddress[string]
```

: L'adresse de la rue . Model: https://schema.org/streetAddress
-

```
streetNr[string]
```

: Numéro identifiant une propriété spécifique sur une voie publique
-

```
airQualityIndex[number]
```

: L'indice de qualité de l'air est un nombre utilisé pour indiquer la qualité de l'air un jour donné. . Model: https://schema.org/Number
-

```
airQualityIndexForecast[number]
```

: Indice global de qualité de l'air (IQA) prévu pour une certaine durée à l'avenir . Model: https://schema.org/Number
-

```
airTemperatureForecast[number]
```

: Valeur prévue de la température de l'air sur une certaine durée dans le futur . Model: https://schema.org/Number
-

```
airTemperatureTSA[object]
```

: Agrégation des séries temporelles de la température de l'air
-

```
averageValue[number]
```

: Valeur moyenne du traitement temporel dans le temps
-

```
instValue[number]
```

: Valeur instantanée du traitement temporel
-

```
maxOverTime[number]
```

: Valeur maximale du traitement temporel dans le temps
-

```
minOverTime[number]
```

: Valeur minimale du traitement temporel dans le temps
-

```
alternateName[string]
```

: Un nom alternatif pour ce poste
-

```
aqiMajorPollutant[string]
```

: Principal polluant de l'indice de qualité de l'air (IQA) . Model: https://schema.org/Text
-

```
aqiMajorPollutantForecast[string]
```

: Principaux polluants atmosphériques prévus dans l'indice de qualité de l'air (IQA) sur une certaine durée à l'avenir . Model: https://schema.org/Text
-

```
areaServed[string]
```

: La zone géographique où un service ou un article est offert . Model: https://schema.org/Text
-

```
atmosphericPressure[number]
```

: La pression atmosphérique observée est mesurée en Hecto Pascals. . Model: https://schema.org/Number
-

```
dataProvider[string]
```

: Une séquence de caractères identifiant le fournisseur de l'entité de données harmonisées
-

```
dateCreated[date-time]
```

: Horodatage de la création de l'entité. Celle-ci est généralement attribuée par la plate-forme de stockage
-

```
dateModified[date-time]
```

: Date de la dernière modification de l'entité. Cette date est généralement attribuée par la plate-forme de stockage
-

```
dateObserved[date-time]
```

: Date de l'entité observée définie par l'utilisateur
-

```
description[string]
```

: Une description de l'article
-

```
dewPoint[number]
```

: Le point de rosée codé sous forme de nombre. Température observée à laquelle l'air doit être refroidi pour devenir saturé en vapeur d'eau. . Model: https://schema.org/Number
-

```
diffuseIrradiation[number]
```

: L'irradiation diffuse est la partie de l'irradiation solaire qui est dispersée par l'atmosphère. . Model: https://schema.org/Number
-

```
directIrradiation[number]
```

: L'irradiation directe est la partie de l'irradiation solaire qui atteint directement une surface. . Model: https://schema.org/Number
-

```
feelLikesTemperature[number]
```

: Appréciation de la température de l'objet
-

```
gustSpeed[number]
```

: Une rafale soudaine de vent à grande vitesse dépassant la vitesse moyenne observée et ne durant que quelques secondes.
-

```
id[*]
```

: Identifiant unique de l'entité
-

```
illuminance[number]
```

: Intensité lumineuse ambiante instantanée observée
-

```
location[*]
```

: Référence Geojson à l'élément. Il peut s'agir d'un point, d'une chaîne de ligne, d'un polygone, d'un point multiple, d'une chaîne de ligne multiple ou d'un polygone multiple.
-

```
name[string]
```

: Le nom de cet élément
-

```
owner[array]
```

: Une liste contenant une séquence de caractères encodés JSON référençant les identifiants uniques du ou des propriétaires.
-

```
precipitation[number]
```

: Quantité d'eau de pluie enregistrée. . Model: https://schema.org/Number
-

```
precipitationForecast[number]
```

: Prévision des précipitations sur une certaine durée dans le futur . Model: https://schema.org/Number
-

```
pressureTendency[*]
```

: Enum : "en baisse, en hausse, stable". La pression augmente-t-elle ou diminue-t-elle ? Elle peut être exprimée en termes quantitatifs ou qualitatifs
-

```
refDevice[*]
```

: Une référence au(x) dispositif(s) qui a(ont) capturé cette observation . Model: https://schema.org/URL
-

```
refPointOfInterest[string]
```

: Point d'intérêt lié à l'objet . Model: http://schema.org/URL
-

```
relativeHumidity[number]
```

: Humidité de l'air. Humidité relative instantanée observée (vapeur d'eau dans l'air)
-

```
relativeHumidityForecast[number]
```

: Prévision de l'humidité relative (vapeur d'eau dans l'air) sur une certaine durée dans le futur . Model: https://schema.org/Number
-

`seeAlso[*]`

: liste d'uri pointant vers des ressources supplémentaires concernant l'élément
-

`snowHeight[number]`

: Hauteur de neige observée par les capteurs génériques de mesure de l'épaisseur de la neige, exprimée en centimètres. . Model: https://schema.org/Number
-

`solarRadiation[number]`

: Le rayonnement solaire observé est mesuré en watts par mètre carré. . Model: https://schema.org/Number
-

`source[string]`

: Séquence de caractères indiquant la source originale des données de l'entité sous forme d'URL. Il est recommandé d'utiliser le nom de domaine complet du fournisseur de la source ou l'URL de l'objet source.
-

`streamGauge[number]`

: L'élévation de la surface du niveau de l'eau observée par les capteurs de mesure hydrométrique, à savoir un [Stream Gauge] (https://en.wikipedia.org/wiki/Stream_gauge), exprimée en centimètres. . Model: https://schema.org/Number
-

`temperature[number]`

: Température de l'article
-

`type[string]`

: Type d'entité NGSI. Il doit s'agir de WeatherObserved
-

`uVIndexMax[number]`

: L'indice UV maximal pour la période, basé sur la mesure de l'indice UV de l'Organisation mondiale de la santé. http://www.who.int/uv/intersunprogramme/activities/uv_index/en/ Les valeurs comprises entre 1 et 11 constituent la plage de validité de l'indice. La valeur 0 indique qu'aucun signal n'a été détecté et qu'aucune valeur n'est donc enregistrée. . Model: https://schema.org/Number
-

`visibility[*]`

: Catégories de visibilité . Model: http://schema.org/Text
-

`weatherType[string]`

: Description textuelle du temps . Model: http://schema.org/Text
-

`windDirection[number]`

: Direction du vent pari . Model: http://schema.org/Number
-

`windSpeed[number]`

: Intensité du vent . Model: http//schema.org/Number

Propriétés requises
-

```
dateObserved
```

-

```
id
```

-

```
location
```

-

```
type
```

Plage de direction du vent définie selon l'[Organisation météorologique mondiale] (https://library.wmo.int/doc_num.php?explnum_id=3177)

Modèle de données description des propriétés

Classés par ordre alphabétique (cliquez pour plus de détails)

full yaml details

```yaml
WeatherObserved:
  description: An observation of weather conditions at a certain place and
time. This data model has been developed in cooperation with mobile
operators and the GSMA.
  properties:
    address:
      description: The mailing address
      properties:
        addressCountry:
          description: 'The country. For example, Spain'
          type: string
          x-ngsi:
            model: https://schema.org/addressCountry
            type: Property
        addressLocality:
          description: 'The locality in which the street address is, and
which is in the region'
          type: string
          x-ngsi:
            model: https://schema.org/addressLocality
            type: Property
        addressRegion:
          description: 'The region in which the locality is, and which is
in the country'
          type: string
          x-ngsi:
            model: https://schema.org/addressRegion
            type: Property
        district:
          description: 'A district is a type of administrative division
that, in some countries, is managed by the local government'
          type: string
          x-ngsi:
            type: Property
        postOfficeBoxNumber:
          description: 'The post office box number for PO box addresses.
For example, 03578'
          type: string
          x-ngsi:
            model: https://schema.org/postOfficeBoxNumber
            type: Property
        postalCode:
          description: 'The postal code. For example, 24004'
          type: string
          x-ngsi:
            model: https://schema.org/https://schema.org/postalCode
            type: Property
```

```
        streetAddress:
          description: The street address
          type: string
          x-ngsi:
            model: https://schema.org/streetAddress
            type: Property
        streetNr:
          description: Number identifying a specific property on a public
street
          type: string
          x-ngsi:
            type: Property
      type: object
      x-ngsi:
        model: https://schema.org/address
        type: Property
    airQualityIndex:
      description:
Air quality index is a number used to report the quality of the air on any
given day
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    airQualityIndexForecast:
      description: Forecasted overall Air Quality Index (AQI) over a
certain duration in future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    airTemperatureForecast:
      description: Forecasted value of air temperature over a certain
duration in future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    airTemperatureTSA:
      description: Air temperature time series aggregation
      properties:
        averageValue:
          description: Average value of temporal processing over time
          type: number
          x-ngsi:
            type: Property
        instValue:
          description: Instant value of temporal processing
          type: number
          x-ngsi:
            type: Property
        maxOverTime:
          description: Maximum value of temporal processing over time
          type: number
          x-ngsi:
            type: Property
        minOverTime:
          description: Minimum value of temporal processing over time
          type: number
          x-ngsi:
            type: Property
      type: object
      x-ngsi:
        type: Property
    alternateName:
      description: An alternative name for this item
      type: string
      x-ngsi:
        type: Property
    aqiMajorPollutant:
      description: Major pollutant in the Air Quality Index (AQI)
      type: string
      x-ngsi:
        model: https://schema.org/Text
        type: Property
    aqiMajorPollutantForecast:
      description: Forecasted major air pollutant in the Air Quality Index
(AQI) over a certain duration in future
      type: string
      x-ngsi:
        model: https://schema.org/Text
        type: Property
    areaServed:
      description: The geographic area where a service or offered item is
provided
      type: string
```

```
      x-ngsi:
        model: https://schema.org/Text
        type: Property
    atmosphericPressure:
      description: The atmospheric pressure observed measured in Hecto
Pascals
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: Hecto pascals
    dataProvider:
      description:
A sequence of characters identifying the provider of the harmonised data
entity
      type: string
      x-ngsi:
        type: Property
    dateCreated:
      description: Entity creation timestamp. This will usually be
allocated by the storage platform
      format: date-time
      type: string
      x-ngsi:
        type: Property
    dateModified:
      description: Timestamp of the last modification of the entity. This
will usually be allocated by the storage platform
      format: date-time
      type: string
      x-ngsi:
        type: Property
    dateObserved:
      description: Date of the observed entity defined by the user
      format: date-time
      type: string
      x-ngsi:
        type: Property
    description:
      description: A description of this item
      type: string
      x-ngsi:
        type: Property
    dewPoint:
      description: The dew point encoded as a number. Observed temperature
to which air must be cooled to become saturated with water vapor
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: Celsius degrees
    diffuseIrradiation:
      description: Diffuse irradiance is the part of the solar irradiance
that is scattered by the atmosphere
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: w/m2
    directIrradiation:
      description: Direct irradiance is the part of the solar irradiance
that directly reaches a surface
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: w/m2
    feelsLikeTemperature:
      description: Temperature appreciation of the item
      type: number
      x-ngsi:
        type: Property
    gustSpeed:
      description: A sudden burst of high-speed wind over the observed
average wind speed lasting only for a few seconds
      type: number
      x-ngsi:
        type: Property
    id:
      anyOf:
        - description: Identifier format of any NGSI entity
          maxLength: 256
          minLength: 1
```

```
          pattern: ^[\w\-\.\{\}\$\+\*\[\]`|~^@!,:\\]+$
          type: string
          x-ngsi:
            type: Property
        - description: Identifier format of any NGSI entity
          format: uri
          type: string
          x-ngsi:
            type: Property
      description: Unique identifier of the entity
      x-ngsi:
        type: Property
    illuminance:
      description: '(https://en.wikipedia.org/wiki/Illuminance) observed
measured in lux (lx) or lumens per square metre (cd·sr·m−2)'
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: Lux
    location:
      description: 'Geojson reference to the item. It can be Point,
LineString, Polygon, MultiPoint, MultiLineString or MultiPolygon'
      oneOf:
        - description: Geojson reference to the item. Point
          properties:
            bbox:
              items:
                type: number
              minItems: 4
              type: array
            coordinates:
              items:
                type: number
              minItems: 2
              type: array
            type:
              enum:
                - Point
              type: string
          required:
            - type
            - coordinates
          title: GeoJSON Point
          type: object
          x-ngsi:
            type: GeoProperty
        - description: Geojson reference to the item. LineString
          properties:
            bbox:
              items:
                type: number
              minItems: 4
              type: array
            coordinates:
              items:
                items:
                  type: number
                minItems: 2
                type: array
              minItems: 2
              type: array
            type:
              enum:
                - LineString
              type: string
          required:
            - type
            - coordinates
          title: GeoJSON LineString
          type: object
          x-ngsi:
            type: GeoProperty
        - description: Geojson reference to the item. Polygon
          properties:
            bbox:
              items:
                type: number
              minItems: 4
              type: array
            coordinates:
              items:
                items:
                  items:
                    type: number
```

```
                minItems: 2
                type: array
              minItems: 4
              type: array
            type: array
          type:
            enum:
              - Polygon
            type: string
        required:
          - type
          - coordinates
        title: GeoJSON Polygon
        type: object
        x-ngsi:
          type: GeoProperty
      - description: Geojson reference to the item. MultiPoint
        properties:
          bbox:
            items:
              type: number
            minItems: 4
            type: array
          coordinates:
            items:
              items:
                type: number
              minItems: 2
              type: array
            type: array
          type:
            enum:
              - MultiPoint
            type: string
        required:
          - type
          - coordinates
        title: GeoJSON MultiPoint
        type: object
        x-ngsi:
          type: GeoProperty
      - description: Geojson reference to the item. MultiLineString
        properties:
          bbox:
            items:
              type: number
            minItems: 4
            type: array
          coordinates:
            items:
              items:
                items:
                  type: number
                minItems: 2
                type: array
              minItems: 2
              type: array
            type: array
          type:
            enum:
              - MultiLineString
            type: string
        required:
          - type
          - coordinates
        title: GeoJSON MultiLineString
        type: object
        x-ngsi:
          type: GeoProperty
      - description: Geojson reference to the item. MultiLineString
        properties:
          bbox:
            items:
              type: number
            minItems: 4
            type: array
          coordinates:
            items:
              items:
                items:
                  items:
                    type: number
                  minItems: 2
                  type: array
                minItems: 4
                type: array
```

```
              type: array
            type: array
          type:
            enum:
              - MultiPolygon
            type: string
        required:
          - type
          - coordinates
        title: GeoJSON MultiPolygon
        type: object
        x-ngsi:
          type: GeoProperty
    x-ngsi:
      type: GeoProperty
  name:
    description: The name of this item
    type: string
    x-ngsi:
      type: Property
  owner:
    description: A List containing a JSON encoded sequence of characters
referencing the unique Ids of the owner(s)
    items:
      anyOf:
        - description: Identifier format of any NGSI entity
          maxLength: 256
          minLength: 1
          pattern: ^[\w\-\.\{\}\$\+\*\[\]`|~^@!,:\\]+$
          type: string
          x-ngsi:
            type: Property
        - description: Identifier format of any NGSI entity
          format: uri
          type: string
          x-ngsi:
            type: Property
      description: Unique identifier of the entity
      x-ngsi:
        type: Property
    type: array
    x-ngsi:
      type: Property
  precipitation:
    description: 'Amount of water rain registered. '
    minimum: 0
    type: number
    x-ngsi:
      model: https://schema.org/Number
      type: Property
      units: Liters per square meter
  precipitationForecast:
    description: Forecasted rainfall over a certain duration in
future
    type: number
    x-ngsi:
      model: https://schema.org/Number
      type: Property
  pressureTendency:
    description: 'Enum:''falling, raising, steady''. Is the pressure
rising or falling? It can be expressed in quantitative terms or
qualitative terms'
    oneOf:
      - enum:
          - falling
          - raising
          - steady
        type: string
      - type: number
    x-ngsi:
      type: Property
  refDevice:
    anyOf:
      - description: Identifier format of any NGSI entity
        maxLength: 256
        minLength: 1
        pattern: ^[\w\-\.\{\}\$\+\*\[\]`|~^@!,:\\]+$
        type: string
        x-ngsi:
          type: Property
      - description: Identifier format of any NGSI entity
        format: uri
        type: string
        x-ngsi:
          type: Property
    description: A reference to the device(s) which captured this
```

```
    observation
      x-ngsi:
        model: https://schema.org/URL
        type: Relationship
    refPointOfInterest:
      description: Point of interest related to the item
      type: string
      x-ngsi:
        model: http://schema.org/URL
        type: Relationship
    relativeHumidity:
      description: Humidity in the Air. Observed instantaneous relative
    humidity (water vapour in air)
      maximum: 1
      minimum: 0
      type: number
      x-ngsi:
        type: Property
    relativeHumidityForecast:
      description: Forecasted relative humidity (water vapour in air) over
    a certain duration in future
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    seeAlso:
      description: list of uri pointing to additional resources about the
    item
      oneOf:
        - items:
            format: uri
            type: string
          minItems: 1
          type: array
        - format: uri
          type: string
      x-ngsi:
        type: Property
    snowHeight:
      description: 'The snow height observed by generic snow depth
    measurement sensors, expressed in centimeters'
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: centimeters
    solarRadiation:
      description: The solar radiation observed measured in Watts per
    square
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: w/m2
    source:
      description: 'A sequence of characters giving the original source of
    the entity data as a URL. Recommended to be the fully qualified domain
    name of the source provider, or the URL to the source object'
      type: string
      x-ngsi:
        type: Property
    streamGauge:
      description: 'The water level surface elevation observed by
    Hydrometric measurement sensors, namely a [Stream Gauge](https://
    en.wikipedia.org/wiki/Stream_gauge) expressed in centimeters'
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
        units: centimeters
    temperature:
      description: Temperature of the item
      type: number
      x-ngsi:
        type: Property
    type:
      description: NGSI Entity type. It has to be WeatherObserved
      enum:
        - WeatherObserved
      type: string
      x-ngsi:
        type: Property
    uVIndexMax:
```

```
      description: 'The maximum UV index for the period, based on the
  World Health Organization''s UV Index measure. [http://www.who.int/uv/
  intersunprogramme/activities/uv_index/en/](http://www.who.int/uv/
  intersunprogramme/activities/uv_index/en/) the values between 1 and 11 are
  the valid range for the index. The value 0 is for describing that no
  signal is detected so no value is stored'
      minimum: 0
      type: number
      x-ngsi:
        model: https://schema.org/Number
        type: Property
    visibility:
      anyOf:
        - enum:
            - veryPoor
            - poor
            - moderate
            - good
            - veryGood
            - excellent
          type: string
        - minimum: 0
          type: number
      description: Categories of visibility
      x-ngsi:
        model: http://schema.org/Text
        type: Property
    weatherType:
      description: Text description of the weather
      type: string
      x-ngsi:
        model: http://schema.org/Text
        type: Property
    windDirection:
      description: Direction of the wind bet
      maximum: 360
      minimum: 0
      type: number
      x-ngsi:
        model: http://schema.org/Number
        type: Property
    windSpeed:
      description: Intensity of the wind
      minimum: 0
      type: number
      x-ngsi:
        model: http//schema.org/Number
        type: Property
  required:
    - id
    - type
    - dateObserved
    - location
  type: object
  x-derived-from: ""
  x-disclaimer: 'Redistribution and use in source and binary forms, with
  or without modification, are permitted  provided that the license
  conditions are met. Copyleft (c) 2023 Contributors to Smart Data Models
  Program'
  x-license-url: https://github.com/smart-data-models/dataModel.Weather/
  blob/master/WeatherObserved/LICENSE.md
  x-model-schema: https://smart-data-models.github.io/dataModel.Weather/
  WeatherObserved/schema.json
  x-model-tags: IUDX
  x-version: 0.3.4
```

Exemples de charges utiles

Valeurs-clé de l'INS-v2 WeatherObserved Exemple

Voici un exemple de WeatherObserved au format JSON-LD sous forme de valeurs-clés. Ceci est compatible avec NGSI-v2 lorsque l'on utilise

```
options=keyValues
```

et renvoie les données contextuelles d'une entité individuelle.

show/hide example


```
{
    "id": "Spain-WeatherObserved-Valladolid-2016-11-30T07:00:00.00Z",
    "type": "WeatherObserved",
    "address": {
        "addressLocality": "Valladolid",
        "addressCountry": "ES"
    },
    "atmosphericPressure": 938.9,
    "dataProvider": "TEF",
    "dateObserved": "2016-11-30T07:00:00.00Z",
    "location": {
        "type": "Point",
        "coordinates": [
            -4.754444444,
            41.640833333
        ]
    },
    "precipitation": 0,
    "pressureTendency": 0.5,
    "relativeHumidity": 1,
    "source": "http://www.aemet.es",
    "temperature": 3.3,
    "windDirection": 135,
    "windSpeed": 2,
    "illuminance": 1000,
    "refDevice": "device-0A3478",
    "streamGauge": 50,
    "snowHeight": 20,
    "uVIndexMax": 1.0
}
```


WeatherObserved NGSI-v2 normalisé Exemple

Voici un exemple de WeatherObserved au format JSON-LD tel que normalisé. Ce format est compatible avec les NGSI-v2 lorsqu'il n'utilise pas d'options et renvoie les données contextuelles d'une entité individuelle.

show/hide example


```
{
    "id": "Valladolid.2016-11-30T07-00-00.00Z",
    "type": "WeatherObserved",
    "dateObserved": {
        "type": "DateTime",
        "value": "2016-11-30T07:00:00.00Z"
    },
    "illuminance": {
        "type": "Number",
        "value": 1000
    },
    "temperature": {
        "type": "Number",
        "value": 3.3
    },
    "precipitation": {
        "type": "Number",
        "value": 0.1
    },
    "atmosphericPressure": {
        "type": "Number",
        "value": 938.9
    },
    "pressureTendency": {
        "type": "Number",
        "value": 0.5
    },
    "refDevice": {
        "type": "Text",
        "value": "device-0A3478"
    },
    "source": {
        "type": "Text",
        "value": "http://www.aemet.es"
    },
```

```
    "windSpeed": {
        "type": "Number",
        "value": 2
    },
    "location": {
        "type": "geo:json",
        "value": {
            "type": "Point",
            "coordinates": [
                -4.754444444,
                41.640833333
            ]
        }
    },
    "address": {
        "type": "StructuredValue",
        "value": {
            "addressLocality": "Valladolid",
            "addressCountry": "ES"
        }
    },
    "dataProvider": {
        "type": "Text",
        "value": "TEF"
    },
    "windDirection": {
        "type": "Number",
        "value": 135
    },
    "relativeHumidity": {
        "type": "Number",
        "value": 0.15
    },
    "streamGauge": {
        "type": "Number",
        "value": 50
    },
    "snowHeight": {
        "type": "Number",
        "value": 20
    },
    "uVIndexMax": {
        "type": "Number",
        "value": 1.0
    }
}
```


Valeurs clés de l'INS-LD pour les observations météorologiques Exemple

Voici un exemple de WeatherObserved au format JSON-LD sous forme de valeurs-clés. Ceci est compatible avec NGSI-LD lorsque l'on utilise

```
options=keyValues
```

et renvoie les données contextuelles d'une entité individuelle.

show/hide example


```
{
    "id": "urn:ngsi-ld:WeatherObserved:Spain-WeatherObserved-
Valladolid-2016-11-30T07:00:00.00Z",
    "type": "WeatherObserved",
    "address": {
        "addressLocality": "Valladolid",
        "addressCountry": "ES"
    },
    "atmosphericPressure": 938.9,
    "dataProvider": "TEF",
    "dateObserved": "2016-11-30T07:00:00.00Z",
    "illuminance": 1000,
    "location": {
        "type": "Point",
        "coordinates": [
            -4.754444444,
            41.640833333
        ]
    },
    "precipitation": 0,
    "pressureTendency": 0.5,
```

```
    "refDevice": "urn:ngsi-ld:Device:device-0A3478",
    "relativeHumidity": 1,
    "snowHeight": 20,
    "source": "http://www.aemet.es",
    "streamGauge": 50,
    "temperature": 3.3,
    "uVIndexMax": 1.0,
    "windDirection": 135,
    "windSpeed": 2,
    "@context": [
        "https://smart-data-models.github.io/dataModel.Weather/
context.jsonld",
        "https://raw.githubusercontent.com/smart-data-models/
dataModel.Weather/master/context.jsonld"
    ]
}
```


WeatherObserved NGSI-LD normalisé Exemple

Voici un exemple de WeatherObserved au format JSON-LD tel que normalisé. Ce format est compatible avec NGSI-LD lorsqu'il n'utilise pas d'options et renvoie les données contextuelles d'une entité individuelle.

show/hide example


```
{
    "id": "urn:ngsi-ld:WeatherObserved:Spain-WeatherObserved-
Valladolid-2016-11-30T07:00:00.00Z",
    "type": "WeatherObserved",
    "address": {
        "type": "Property",
        "value": {
            "addressLocality": "Valladolid",
            "addressCountry": "ES"
        }
    },
    "atmosphericPressure": {
        "type": "Property",
        "value": 938.9
    },
    "dataProvider": {
        "type": "Property",
        "value": "TEF"
    },
    "dateObserved": {
        "type": "Property",
        "value": {
            "@type": "DateTime",
            "@value": "2016-11-30T07:00:00.00Z"
        }
    },
    "illuminance": {
        "type": "Property",
        "value": 1000
    },
    "location": {
        "type": "GeoProperty",
        "value": {
            "type": "Point",
            "coordinates": [
                -4.754444444,
                41.640833333
            ]
        }
    },
    "precipitation": {
        "type": "Property",
        "value": 0
    },
    "pressureTendency": {
        "type": "Property",
        "value": 0.5
    },
    "refDevice": {
        "type": "Relationship",
        "object": "urn:ngsi-ld:Device:device-0A3478"
    },
    "relativeHumidity": {
        "type": "Property",
        "value": 1
    },
```

```
    "snowHeight": {
        "type": "Property",
        "value": 20
    },
    "source": {
        "type": "Property",
        "value": "http://www.aemet.es"
    },
    "streamGauge": {
        "type": "Property",
        "value": 50
    },
    "temperature": {
        "type": "Property",
        "value": 3.3
    },
    "uVIndexMax": {
        "type": "Property",
        "value": 1.0
    },
    "windDirection": {
        "type": "Property",
        "value": 135
    },
    "windSpeed": {
        "type": "Property",
        "value": 2
    },
    "@context": [
        "https://raw.githubusercontent.com/smart-data-models/
dataModel.Weather/master/context.jsonld"
    ]
}
```


Voir [FAQ 10] (https://smartdatamodels.org/index.php/faqs/) pour obtenir une réponse à la question de savoir comment traiter les unités de magnitude.
