



实体天气观测

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全球描述：**对某一地点和时间的天气状况的观测。该数据模型是与移动运营商和 GSMA 合作开发的。

版本：0.3.3

属性列表

[*] 如果属性中没有类型，是因为它可能有多个类型或不同的格式/模式。

-

address[object]

: 邮寄地址 . Model: <https://schema.org/address>

-

addressCountry[string]

: 国家。例如，西班牙 . Model: <https://schema.org/addressCountry>

-

addressLocality[string]

: 街道地址所在的地点，以及该地点所在的区域 . Model: <https://schema.org/addressLocality>

-

addressRegion[string]

: 地点所在的地区，以及该地区位于哪个国家 . Model: <https://schema.org/addressRegion>

-

district[string]

: 地区是一种行政区划，在一些国家由地方政府管理

-

postOfficeBoxNumber[string]

: 用于邮政信箱地址的邮政信箱号码。例如：03578 . Model: <https://schema.org/postOfficeBoxNumber>

-

postalCode[string]

: 邮政编码。例如：24004 . Model: <https://schema.org/postalCode>

-

streetAddress[string]

: 街道地址 . Model: <https://schema.org/streetAddress>

-

streetNr[string]

: 标识公共街道上特定房产的编号

-

airQualityIndex[number]

: 空气质量指数是用来报告任何一天的空气质量的数字 . Model: <https://schema.org/Number>

-

airQualityIndexForecast[number]

: 未来一定时间内的总体空气质量指数（AQI）预测值 . Model: <https://schema.org/Number>

-

airTemperatureForecast[number]

: 未来一定时间内的气温预测值 . Model: <https://schema.org/Number>

-

airTemperatureTSA[object]

: 气温时间序列汇总

-

averageValue[number]

: 随时间变化的时间处理平均值

-

instValue[number]

: 时间处理的即时价值

-

maxOverTime[number]

: 时间处理的最大值

-

minOverTime[number]

: 随时间变化的时间处理最小值

-

alternateName[string]

: 该项目的替代名称

-

aqiMajorPollutant[string]

: 空气质量指数（AQI）中的主要污染物 . Model: <https://schema.org/Text>

-

aqiMajorPollutantForecast[string]

: 未来一定时间内空气质量指数（AQI）中主要空气污染物的预测值 . Model: <https://schema.org/Text>

-

areaServed[string]

: 提供服务或提供物品的地理区域 . Model: <https://schema.org/Text>

-

atmosphericPressure[number]

: 观测到的大气压力单位为海克托帕斯卡 . Model: <https://schema.org/Number>

-

dataProvider[string]

: 标识统一数据实体提供者的字符序列

-

dateCreated[date-time]

: 实体创建时间戳。通常由存储平台分配

-

dateModified[date-time]

: 实体最后一次修改的时间戳。通常由存储平台分配

-

dateObserved[date-time]

: 用户定义的被观测实体的日期

-

description[string]

: 项目描述

-

dewPoint[number]

: 以数字编码的露点。空气必须冷却到什么温度才能达到水蒸气饱和的观测温度 . Model: <https://schema.org/Number>

-

diffuseIrradiation[number]

: 漫射辐照度是太阳辐照度中被大气散射的部分 . Model: <https://schema.org/Number>

-

directIrradiation[number]

: 直接辐照度是太阳辐照度中直接到达表面的部分 . Model: <https://schema.org/Number>

-

feelLikesTemperature[number]

: 物品的温度鉴赏

-

gustSpeed[number]

: 突然出现的超过观测平均风速的高速风，持续时间只有几秒钟

-

id[*]

: 实体的唯一标识符

-

illuminance[number]

: 观测到的瞬时环境光强

-

location[*]

: 项目的 Geojson 引用。它可以是点、线条字符串、多边形、多点、多线条字符串或多多边形

name[string]

: 该项目的名称

owner[array]

: 包含一个 JSON 编码字符序列的列表，其中引用了所有者的唯一 Ids

precipitation[number]

: 登记的雨水量。Model: <https://schema.org/Number>

precipitationForecast[number]

: 未来某段时间的降雨量预测。Model: <https://schema.org/Number>

pressureTendency[*]

: 枚举：“下降”、“升高”、“稳定”。“压力是上升还是下降？可以用定量或定性来表示

refDevice[*]

: 捕捉这一观测结果的设备的参考信息。Model: <https://schema.org/URL>

refPointOfInterest[string]

: 与物品有关的兴趣点。Model: <http://schema.org/URL>

relativeHumidity[number]

: 空气湿度。观测到的瞬时相对湿度（空气中的水蒸气）

relativeHumidityForecast[number]

: 未来一定时间内的相对湿度（空气中的水蒸气）预测值。Model: <https://schema.org/Number>

seeAlso[*]

: 指向有关该项目的其他资源的 uri 列表

snowHeight[number]

: 通用雪深测量传感器观测到的雪高，以厘米为单位。Model: <https://schema.org/Number>

solarRadiation[number]

: 观测到的太阳辐射以瓦特每平方。Model: <https://schema.org/Number>

source[string]

: 以 URL 形式给出实体数据原始来源的字符串。建议使用源提供者的完全合格域名或源对象的 URL

-

streamGauge[number]

: 水文测量传感器（即[测流仪](#)）观测到的水位面高程，单位为厘米。Model: <https://schema.org/Number>

-

temperature[number]

: 物品的温度

-

type[string]

: NGSi 实体类型。必须是 WeatherObserved

-

uvIndexMax[number]

: 根据世界卫生组织的紫外线指数衡量标准，该时段的最大紫外线指数。*http://www.who.int/uv/intersunprogramme/activities/uv_index/en/1 到 11 之间的数值是该指数的有效范围。*数值 0 表示没有检测到信号，因此不存储数值。*。Model: <https://schema.org/Number>

-

visibility[*]

: 可见度类别。Model: <http://schema.org/Text>

-

weatherType[string]

: 天气文字说明。Model: <http://schema.org/Text>

-

windDirection[number]

: 风向赌注。Model: <http://schema.org/Number>

-

windSpeed[number]

: 风的强度。Model: <http://schema.org/Number>

所需属性

-

dateObserved

-

id

-

location

-

type

根据[世界气象组织](#) 确定的风向范围

属性的数据模型描述

按字母顺序排列（点击查看详情）

full yaml details

```
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:
                    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:
                    type: number
                    minItems: 2
                    type: array
                minItems: 4
                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

```

有效载荷示例

WeatherObserved NGSI-v2 关键值示例

下面是一个以 JSON-LD 格式作为键值的 WeatherObserved 示例。当使用 "options=keyValues" 时，它与 NGSI-v2 兼容，并返回单个实体的上下文数据。

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 normalized 示例

下面是一个规范化的 JSON-LD 格式 WeatherObserved 示例。在不使用选项的情况下，它与 NGSI-v2 兼容，并返回单个实体的上下文数据。

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
    }
}

```

WeatherObserved NGSI-LD key-values 示例

下面是一个以 JSON-LD 格式作为键值的 WeatherObserved 示例。当使用

```
options=keyValues
```

时，它与 NGSI-LD 兼容，并返回单个实体的上下文数据。

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"
  ]
}

```

天气观测 NGSI-LD 归一化示例

下面是一个规范化 JSON-LD 格式的 WeatherObserved 示例。当不使用选项时，它与 NGSI-LD 兼容，并返回单个实体的上下文数据。

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"  
    ]  
  }  
}
```

请参阅 [FAQ 10](#)，获取如何处理幅度单位的答案。

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