

Factual Report – Attachment 2

One-minute observations from the LIT ASOS between 1130 and 1215 in FAAWX 3.0 xml format.

METEOROLOGY

CEN23FA113

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U.S. Department of Transportation

Federal Aviation Administration

MIT Lincoln Laboratory (MIT LL) Contributions to
Common Support Services - Weather (CSS-Wx)
Product Description Document

Version 1.1 2022-02-01

REVISION RECORD

REVISION NUMBER	DESCRIPTION	DATE	ENTERED BY
1.0	Initial descriptions for: NEXRAD Free Text Message OMO (partial) Lightning Strike Report (partial)	15 June 2018	MIT LL
1.0	Completed descriptions for OMO and Lightning Strike Report	15 July 2018	MIT LL
1.0	Added missing description of Sensor Status element for OMO and documented new origin_id parameter	05 October 2018	MIT LL
1.0	Added new validTime element to Lightning Strike Report and replaced previous notional XML excerpt with actual data sample	05 October 2018	MIT LL
1.0	Added text explaining use of “-999” to indicate missing data values for applicable quantities	11 October 2018	MIT LL
1.0	Added description of CDATA block to enclose <i>msgText</i> string content of NexradFreeTextMessage to protect against XML or HTML parsers	14 December 2018	MIT LL
1.0	Added “Unknown” to list of possible strike types in LightningStrikeReport Section 1.3	14 December 2018	MIT LL
1.0	Added listing of saf 1.0 schema in table of schemas for OMO product	20 November 2019	MIT LL

1.1	Revised OMO format for FAAWX 3.0 and IWXXM 3.0	6 May 2020	MIT LL
1.1	Updated all FAAWX namespace references to FAAWX 3.0	6 May 2020	MIT LL
1.1	Updated Section 1.2.6 of OMO description to reflect optional use of new IWXXM-US 3.0 <iwxxm-us:Sector> “ <i>inAllQuadrants</i> ” attribute when lightning is indicated in all octants	5 January 2021	MIT LL
1.1	Updated OMO description to reflect recent IWXXM-US 3.0 data type name changes for <iwxxm-us:processedQuantity> and <iwxxm-us:ProcessedProperty>	5 January 2021	MIT LL
<u>1.1</u>	<u>Saved redlines above & updated page numbers.</u>	<u>1 February 2022</u>	<u>MIT LL</u>

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1. NON-GRIDDED CSS-WX PRODUCTS

1.1 NEXRAD FREE TEXT MESSAGE

1.1.1 Product Name

The product name is “**NexradFreeTextMessage_S-*<sensor_id>***” where *<sensor_id>* assumes the alphanumeric acronym for the sensor identifier.

1.1.2 Definition

The NexradFreeTextMessage_S-*<sensor_id>* product conveys NEXRAD radar status information in a free text format.

1.1.3 Update Rate

The NexradFreeTextMessage_S-*<sensor_id>* update rate is defined in Attachment J-07, Table P-12, Update Rate.

1.1.4 Expiration Time

The NexradFreeTextMessage_S-*<sensor_id>* expiration time is defined in Attachment J-07, Table P-12, Expiration Time.

1.1.5 Common Properties

The common properties are described in Section 6.4.17 of the NextGen Weather Processor (NWP) Product Description Document.

1.1.6 Product Specific Properties

The GML name is “{OWL}#NexradFreeTextMessage_S-*<sensor_id>*”.

The NexradFreeTextMessage_S-*<sensor_id>* product is encoded within an *Observation* feature that contains the following product-specific *parameter* elements as described in Section 6.4.17 of the NextGen Weather Processor (NWP) Product Description Document:

- domain
- sensor_id

Each NexradFreeTextMessage_S-*<sensor_id>* product is encoded within an *Observation* feature whose *result* property is a *FeatureCollection* of one or more *FreeTextMessage* features.

Each *FreeTextMessage* feature may contain an optional *msgTime* property. If present, the *msgTime* property contains the message date and time as found in the “Message Date” line of the original message.

Note that the “Message Date” may not be present in the original message and if present, is typically the time of the last radar volume start scan, which may be considerably older than the issue time of the message.

Each *FreeTextMessage* feature contains a *msgText* property. The *msgText* property contains the free text message content as an unrestricted string value wrapped in a CDATA block (<![CDATA[...]]>) to protect the content from XML or HTML parsers.

Each *FreeTextMessage* feature contains a *msgOriginator* property. The *msgOriginator* property contains the radar identifier or originating facility that the message is associated with.

Each *FreeTextMessage* feature contains a *sensorType* property. The *sensorType* property contains the sensor type, e.g. NEXRAD or TDWR.

The following XML example shows a sample encoding of a *FreeTextMessage* feature for the NexradFreeTextMessage_S-<sensor_id> product:

```
<faawx:FreeTextMessage gml:id="id9">
  <gml:name>
    http://www.faa.gov/ontology/wx/1.0/nwpWeatherProducts.owl#NexradFreeTextMessage_S-KABX
  </gml:name>
  <faawx:validTime>
    <gml:TimeInstant gml:id="id10">
      <gml:timePosition>2017-11-21T14:58:54Z</gml:timePosition>
    </gml:TimeInstant>
  </faawx:validTime>
  <faawx:msgTime>2017-11-21T14:58:54Z</faawx:msgTime>
  <faawx:msgOriginator>KABQ</faawx:msgOriginator>
  <faawx:msgText><![CDATA[KABX 88D is back in operation. Azimuth motor has been
replaced.      CA]]>
  </faawx:msgText>
  <faawx:sensorType>NEXRAD</faawx:sensorType>
</faawx:FreeTextMessage>
```

1.1.7 XML Application Schema

TABLE 1 lists the principal application-level schema used to model the encoding of the NexradFreeTextMessage_S-<sensor_id> product.

TABLE 1
Principal XML Schemas Used for the NexradFreeTextMessage_S-<sensor_id> Product

Namespace Prefix	Namespace URI	Schema File
om	http://www.opengis.net/om/2.0	observation.xsd
wxxm	http://www.wxxm.aero/wxxm/2.0	features.xsd
faawx	http://www.faa.gov/wx/3.0	productFeatures.xsd

Namespace Prefix	Namespace URI	Schema File
faawx	http://www.faa.gov/wx/3.0	basicTypes.xsd
faawx	http://www.faa.gov/wx/3.0	freeTextMessage.xsd
faawx	http://www.faa.gov/wx/3.0	status.xsd

1.2 OMO

1.2.1 Product Name

The product name is “OMO”.

1.2.2 Definition

One Minute Observations (OMO) are high-update (once per minute) weather observation reports generated by Automated Surface Observing Systems (ASOS). OMOs include many of the observation elements contained in Aviation Routine Weather Reports (METAR), but have additional weather and sensor information not captured by the NOAA XML model for surface weather observations. Additional details of the raw OMO content (prior to XML conversion) can be found in the U.S Dept. of Transportation of Transportation Interface Control Document for AWOS, AWOS-C, ASOS, AWSS, and ADAS [7].

1.2.3 Update Rate

The OMO update rate is defined in Attachment J-07, Table P-12, Update Rate.

1.2.4 Expiration Time

The OMO expiration time is defined in Attachment J-07, Table P-12, Expiration Time.

1.2.5 Common Properties

The common properties are described in Section 6.4.17 of the NextGen Weather Processor (NWP) Product Description Document

1.2.6 Product Specific Properties

The GML name is “{OWL}#OMO”.

The originating identifier (typically an ARTCC) is encoded as *om:parameter* element within the *Observation* having a *name* property with xlink title of “origin-id” and a *value* property containing the identifier string. For example:

```
<om:parameter>
  <om:NamedValue>
    <om:name xlink:title="origin_id"/>
    <om:value>KZTL</om:value>
  </om:NamedValue>
</om:parameter>
```

Each OMO product is encoded within an *Observation* feature whose *result* property is a single *MeteorologicalAerodromeObservation* feature having the following child element organization:

```
<om:result>
  <iwxxm:MeteorologicalAerodromeObservation cloudAndVisibilityOK="true" gml:id="id8">
    <gml:name>
    <iwxxm:airTemperature ...>
    <iwxxm:dewpointTemperature ...>
```

```

<iwxxm:qnh ...>
<iwxxm:surfaceWind>
<iwxxm:visibility>
<iwxxm:rvr>
<iwxxm:cloud>
<iwxxm:extension>
  <faawx:OmoExtension>
    <iwxxm-us:observingSystemType ...>
    <iwxxm-us:seaLevelPressure ...>
    <iwxxm-us:visuallyObservablePhenomena>
    <iwxxm-us:processedQuantity>
      <iwxxm-us:processedWeatherElement
        xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
      <iwxxm-us:ProcessedProperty>
        <iwxxm-us:processedValue uom="[in_i]">0.00</iwxxm-us:processedValue>
        <iwxxm-us:extremeValueType nilReason="inapplicable"/>
        <iwxxm-us:extremeValuePeriod unit="hour">1</iwxxm-us:extremeValuePeriod>
      </iwxxm-us:ProcessedProperty>
    </iwxxm-us:processedQuantity>
    <faawx:siteConfiguration>
    <faawx:alertData>
    <faawx:siteStatus>
    <faawx:sensorStatus>
    <faawx:presentWeather>
    <faawx:lightning>
    <faawx:magNorthWindDirection...>
    <faawx:densityAltitude ...>
    <faawx:obscurtionAndPrecipParameterActivation>
    <faawx:automatedRemarksStatus>
    <faawx:automatedRemarks>
    <faawx:operatorRemarks>
  </faawx:OmoExtension>
</iwxxm:extension>
</iwxxm:MeteorologicalAerodromeObservation>
</om:result>

```

Many of the elements within the *MeteorologicalAerodromeObservation* are nillable, and the availability of this option will be noted in the following element descriptions where applicable. A nillable element allows for omission of element values (i.e., empty child content) where data are missing, invalid, or otherwise unavailable. When utilized, the nilled element will contain a *nil* attribute whose value is set to “true” along with a *nilReason* attribute whose value is either an arbitrary text string with no spaces, a URI containing a link to a description, or one of the following pre-defined strings as defined in the schema for *gml:NilReasonType*:

- inapplicable - There is no value.
- missing - The correct value is not readily available to the sender of this data. Furthermore, a correct value may not exist.
- template - The value will be available later.
- unknown - The correct value is not known to, and not computable by, the sender of this data. However, a correct value probably exists.
- withheld - The value is not divulged.

Following is an example illustrating the syntax for a nil value when air temperature is missing:

```

<iwxxm:airTemperature xsi:nil="true" nilReason="missing"/>

```

GML Name

The *MeteorologicalAerodromeObservation* feature contains an *gml:name* property containing a link to an OWL description for the OMO product.

Air and Dewpoint Temperature

The *MeteorologicalAerodromeObservation* feature contains a nillable *airTemperature* property having a numerical value indicating the observed air temperature in units given by the *uom* attribute.

The *MeteorologicalAerodromeObservation* feature contains a nillable *dewpointTemperature* property having a numerical value indicating dewpoint temperature in units given by the *uom* attribute.

QNH Altimeter Setting

The *MeteorologicalAerodromeObservation* feature contains a nillable *qnh* property having a numerical value indicating the observed QNH altimeter setting in units given by the *uom* attribute.

Surface Wind

The *MeteorologicalAerodromeObservation* feature contains a nillable *surfaceWind* property. If not nil, the *surfaceWind* property contains an *AerodromeSurfaceWind* object.

The *AerodromeSurfaceWind* object may optionally contain a nillable *meanWindDirection* property. If available, the *meanWindDirection* property contains a numerical wind direction in degrees with respect to true north. The *meanWindDirection* will not be present when winds are variable.

The *AerodromeSurfaceWind* object contains a nillable *meanWindSpeed* property having a numerical value indicating the wind speed in units given by the *uom* attribute.

The *AerodromeSurfaceWind* object may optionally contain a nillable *windGustSpeed* property. If available, the *windGustSpeed* property contains a numerical value indicating the wind gust speed in units given by the *uom* attribute.

Visibility

The *MeteorologicalAerodromeObservation* feature may optionally contain a nillable *visibility* property. If present, the *visibility* property contains an *AerodromeHorizontalVisibility* object.

The *AerodromeHorizontalVisibility* object contains a nillable *prevailingVisibility* property having a numerical value indicating the prevailing horizontal visibility in units given by the *uom* attribute.

Runway Visual Range (RVR)

The *MeteorologicalAerodromeObservation* feature may contain zero to four *rvr* property elements. If present, the *rvr* properties each contain a single *AerodromeRunwayVisualRange* object.

The *AerodromeRunwayVisualRange* object contains a nillable *runway* property having a single *RunwayDirection* object. The *RunwayDirection* object contains a *timeSlice* property having a single *RunwayDirectionTimeSlice* object. The *RunwayDirectionTimeSlice* object contains a *validTime* property with an empty value and *nilReason* attribute set to “unknown”. The *RunwayDirectionTimeSlice* object contains an *interpretation* property containing a restricted string which may have values of “BASELINE”, “SNAPSHOT”, “TEMPDELTA”, or “PERMDELTA”. The *RunwayDirectionTimeSlice* object contains a nillable *magneticBearing* property indicating the runway direction in magnetic north degrees. If the runway direction information is missing, then the *magneticBearing* value will be empty and the *xsi:nil* attribute will be present with a value of “true” and the *nilReason* attribute will have the value “missing”, e.g.,

```
<aixm:magneticBearing xsi:nil="true" nilReason="missing"></aixm:magneticBearing>
```

The *AerodromeRunwayVisualRange* object contains a nillable *meanRVR* property having a numerical value indicating the mean runway visual range in units given by the *uom* attribute.

The *AerodromeRunwayVisualRange* object may optionally contain a nillable *meanRVROperator* property having a restricted string value indicating the relational operator associated with the *meanRVR*. Allowable values are “ABOVE” or “BELOW”.

Cloud Layers

The *MeteorologicalAerodromeObservation* feature may optionally contain a nillable *cloud* property. If present, the *cloud* property contains a single *AerodromeCloud* object. The *AerodromeCloud* object may contain zero to four *layer* property elements. If present, the *layer* properties each contain a single *CloudLayer* object. The *CloudLayer* object contains a nillable *amount* property containing two *xlink* attributes. The *xlink:href* attribute contains the URL for the definition of the cloud layer amount designation given by the *xlink:title* string (e.g., “Few”, “Scattered”). The *CloudLayer* object contains a nillable *base* property containing a numerical value indicating the cloud base height in units given by the *uom* attribute.

OMO Extensions

The *MeteorologicalAerodromeObservation* feature contains an *extension* property. The *extension* property contains a single *OmoExtension* object that contains the OMO-specific elements.

Observing System Type

The *OmoExtension* object contains an optional *observingSystemType* property indicating the observing system type in an *xlink:href* attribute.

Sea Level Pressure

The *OmoExtension* object optionally contains a nillable *seaLevelPressure* property having a numerical value indicating the sea level pressure in units given by the *uom* attribute.

Visibility Obscurations

The *OmoExtension* object optionally contains a *visuallyObservablePhenomena* property that is used to encode visibility obscurations. The *visuallyObservablePhenomena* property contains a *VisuallyObservablePhenomena* object optionally containing an *obscurations* property. The *obscurations* property contains an *Obscurations* object containing a *heightOfWeatherPhenomenon* property having a numerical value indicating the height of the obscuration in units given by the *uom* attribute. The *obscurations* object contains an *obscurationsAmount* property with no child content and having its *nilReason* attribute set to “unknown”. The *obscurations* object contains a *weatherCausingObscuration* property that has no child content, but has an *xlink:href* attribute containing the URL for the definition of the obscuring weather type.

Accumulated Precipitation

The *OmoExtension* object may optionally contain a *processedQuantity* element that is used to encode accumulated precipitation information. It is omitted if the accumulated precipitation data are missing or unavailable. The *processedQuantity* element contains a *ProcessedProperty* object containing a *processedWeatherElement* property that has no child content, but has an *xlink:href* attribute containing a URL for the definition of total precipitation that is being encoded. Next, the *ProcessedProperty* object contains a *valueType* property having a numerical value indicating the accumulated precipitation amount in units given by the *uom* attribute. The *processedQuantity* element contains a *valueType* property that has no child content and has a *nilReason* attribute set to “inapplicable”. The *processedQuantity* element contains a *valuePeriod* property indicating the precipitation accumulation period using duration XML syntax, e.g., PT1H (1 hour).

Site Configuration

The *OmoExtension* object may optionally contain a *siteConfiguration* property. If present, it contains a single *SiteConfigurationInfo* object.

The *SiteConfigurationInfo* object contains a *siteID* property having a string value indicating the site identifier.

The *SiteConfigurationInfo* object contains a *stationType* property having a string value indicating the station type (e.g., “ASOS”).

The *SiteConfigurationInfo* object contains an *isFederal* property having a boolean value indicating true if the site is a federal site, else false.

The *SiteConfigurationInfo* object contains a *manufacturer* property having a string value indicating the manufacturer if available. If unavailable, the value will be empty and it will have the *nil* attribute set to “true” and the *nilReason* attribute set to “missing”.

The *SiteConfigurationInfo* object contains a *hardware* property having a string value indicating the hardware identifier if available. If unavailable, the value will be empty and it will have the *nil* attribute set to “true” and the *nilReason* attribute set to “missing”.

The *SiteConfigurationInfo* object contains a *softwareVersion* property having a string value indicating the software version if available. If unavailable, the value will be empty and it will have the *nil* attribute set to “true” and the *nilReason* attribute set to “missing”.

Alert Data

The *OmoExtension* object may optionally contain an *alertData* property. If present, it contains a single *AlertDataInfo* object.

The *AlertDataInfo* object contains one or more *alert* property elements, each having a restricted string value describing the alerting condition. Possible values are:

- SNOW_BEGIN
- SNOW_END
- RAIN_BEGIN
- RAIN_END
- NONSPECIFIC_PRECIP_BEGIN
- NONSPECIFIC_PRECIP_END
- FOG_BEGIN
- FOG_END
- THUNDERSTORM_BEGIN
- THUNDERSTORM_END
- THUNDERSTORM_INCREASE
- TORNADO_OBSERVED
- FUNNEL_CLOUD_OBSERVED
- WATER_SPOUT_OBSERVED
- LOCAL_THRESHOLD_EXCEEDED
- HAIL_BEGIN
- HAIL_END
- ICE_PELLETS_BEGIN
- ICE_PELLETS_END
- FREEZING_RAIN_BEGIN
- FREEZING_RAIN_END
- FREEZING_DRIZZLE_BEGIN
- FREEZING_DRIZZLE_END
- SKY_CONDITION_IN
- CEILING_UP
- CEILING_DOWN
- VISIBILITY_INCREASE
- VISIBILITY_DECREASE
- WIND_DIRECTION_PREFERRED_RUNWAY_CHANGE
- WIND_SPEED_INCREASE

Site Status

The *OmoExtension* object may optionally contain a *siteStatus* property. If present, it contains a single *SiteStatusInfo* object.

The *SiteStatusInfo* object may optionally contain an *operatorOnDuty* property having a Boolean value (true/false) indicating if an operator was on duty.

The *SiteStatusInfo* object may optionally contain an *testMode* property having a Boolean value (true/false) indicating if the system was in test mode.

The *SiteStatusInfo* object may optionally contain an *manualMode* property having a Boolean value (true/false) indicating if the site was operating in manual mode.

The *SiteStatusInfo* object may optionally contain an *dataSuspect* property having a Boolean value (true/false) indicating if the data produced by this site are suspect.

Sensor Status

The *OmoExtension* object may optionally contain a *sensorStatus* property. If present, it contains a single *SensorStatus* object.

The *SensorStatus* object may optionally contain one or more *sensorStatusItem* properties, each containing a single *SensorStatusInfo* object.

The *SensorStatusInfo* object contains a *quantity* property having a restricted string value limited to the following:

- Wind_Direction
- Wind_Speed
- Ambient_Temperature
- Dew_Point_Temperature
- Pressure
- Ceiling_Height_Indicator
- Precipitation_Occurrence_Or_Type
- Precipitation_Accumulation
- Visibility
- Lightning
- Freezing_Rain
- RVR

The *SensorStatusInfo* object contains a *status* property having a restricted string value limited to the following:

- Good
- Missing

- Bad

The *SensorStatusInfo* object contains an *explanation* property having a restricted string value limited to the following:

- SENSOR_OPERATING_DATA_AVAILABLE
- AUTOMATIC_DATA
- OPERATOR_MANUAL_ENTRY
- SENSOR_NOT_INSTALLED
- SENSOR_OUT_OF_SERVICE
- SENSOR_OUTPUT_IN_CONFLICT
- INVALIDATED_AUTO_RANGE_CHECK
- INVALIDATED_AUTO_RATE_OF_CHANGE
- INVALIDATED_AUTO_INSUFFICIENT_COUNT
- INVALIDATED_AWOS_OPERATOR
- DATA_SOURCE_OFFSITE_LINK_FAILURE
- DEW_POINT_SENSOR_INVALIDATED

Present Weather

The *OmoExtension* object may optionally contain a *presentWeather* property. If present, it contains a single *PresentWeatherObservations* object.

The *PresentWeatherObservations* object contains one or more unlimited *presentWeatherObservation* property elements having no child content, but having an *xlink:href* attribute with a URL link to the WMO code for the weather type being observed.

Lightning Availability and Indicators

The *OmoExtension* object may optionally contain a *lightning* property. If present, it contains a single *LightningInfo* object.

The *LightningInfo* object may optionally contain a *lightningDataAvailable* property having a Boolean (true/false) value indicating if lightning data are available for this sensor.

The *LightningInfo* object may optionally contain a *lightningMetarSpeci* property having a Boolean (true/false) value indicating if the lightning data processing function has determined that the conditions for generating a METAR SPECI based on lightning criteria has been met for the current minute.

The *LightningInfo* object contains 1-10 *lightningActivity* property elements (one available for each compass octant, lightning in vicinity, or lightning overhead condition) in which lightning has been detected. Each *lightningActivity* property contains a single *LightningActivityInfo* object.

The *LightningActivityInfo* object may optionally contain a *qualitativeDistance* property having an *xlink:href* attributed linking to an external descriptive definition of lightning proximity. Example values are:

- <https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDistance/DISTANT>
- <https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDistance/VICINITY>
- <https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDistance/OVERHEAD>

The *LightningActivityInfo* object contains a *sector* property having a single *Sector* object. If distant lightning is indicated in all eight octants of the OMO report, then the *inAllQuadrants* attribute of the associated *Sector* object will be present and its value set to true like this:

```
<iwxxm-us:Sector inAllQuadrants="true"/>
```

Note that this condition will typically coincide with automated remark content (<faawx:automatedRemarks>) indicating “LTG DSNT ALQDS”, but the presence of the automated remark alone is not sufficient to trigger the setting of the *inAllQuadrants* attribute of the *Sector* object. Rather, lightning must be explicitly reported for all eight quadrants of the OMO report for the *inAllQuadrants* attribute to be set.

If lightning is not distant in all quadrants, then the *Sector* object contains a *extremeCCWDirection* property having a numerical value indicating the counter-clockwise compass direction limit in degrees of the octant in which lightning was detected. The *Sector* object contains an *extremeCWDirection* property having a numerical value indicating the clockwise compass direction limit in degrees of the octant in which lightning was detected.

The *LightningActivityInfo* object may contain an *octant* property having a restricted string value indicating the named compass octant in which lightning was detected. Allowable values are: “VICINITY”, “N”, “NE”, “E”, “NW”, “W”, “SW”, “S”, “SE”. If the *qualitativeDistance* property indicates lightning overhead, then the *octant* property will be omitted.

Magnetic North-Relative Wind Direction

The *OmoExtension* object may optionally contain a *magNorthWindDirection* property having a numerical value indicating the wind direction in degrees relative to magnetic north.

Density Altitude

The *OmoExtension* object may optionally contain a *densityAltitude* property having a numerical value indicating the density altitude in units given by the *uom* attribute.

Obscuration and Precipitation Parameter Activation

The *OmoExtension* object may optionally contain a *obscurationAndPrecipParameterActivation* property. If present, it contains a single *ParameterActivationInfo* object.

The *ParameterActivationInfo* object contains one or more *obscuratationParamterActivation* properties having a single *ObscuratationParameterActivationInfo* object.

The *ObscuratationParameterActivationInfo* object contains a *parameter* property having a string value indicating the obscuring phenomenon.

The *ObscuratationParameterActivationInfo* object contains an *isActive* property having a Boolean value (true/false) indicating if the parameter (e.g., Fog, Haze, Smoke) is actively being monitored or determined by algorithm.

The *ParameterActivationInfo* object contains one or more *precipitationParamterActivation* properties having a single *PrecipitationParameterActivationInfo* object.

The *PrecipitationParameterActivationInfo* object contains a *parameter* property having a string value indicating the precipitation phenomenon.

The *PrecipitationParameterActivationInfo* object contains an *isActive* property having a Boolean value (true/false) indicating if the parameter (e.g., Rain, Snow) is actively being monitored or determined by algorithm.

Automated Remarks Status

The *OmoExtension* object may optionally contain an *automatedRemarksStatus* property. If present, the *automatedRemarksStatus* property contains a single *AutomatedRemarksStatusInfo* object.

The *AutomatedRemarksStatusInfo* object may optionally contain a *variableVisibility* property having a Boolean value indicating if visibility is variable.

The *AutomatedRemarksStatusInfo* object may optionally contain a *variableWindDirection* property having a Boolean value indicating if wind direction is variable.

The *AutomatedRemarksStatusInfo* object may optionally contain a *variableCeiling* property having a Boolean value indicating if the cloud ceiling is variable.

The *AutomatedRemarksStatusInfo* object may optionally contain an *automatedLightningRemark* property having a Boolean value indicating if automated lightning remarks are present.

The *AutomatedRemarksStatusInfo* object may optionally contain a *visibilityAtSecondLocation* property having a Boolean value indicating if a visibility condition at a second location has been determined.

The *AutomatedRemarksStatusInfo* object may optionally contain a *ceilingHeightAtSecondLocation* property having a Boolean value indicating if a ceiling height condition at a second location has been determined.

Automated Remarks

The *OmoExtension* object may optionally contain an *automatedRemarks* property having a string value of up to 80 characters length with a “!” separator between remark elements. The first character of the automated remarks may contain an ASCII space character. Because the remarks string may contain characters such as “&” (ampersand), the remarks string needs to be enclosed in a <![CDATA]> element. Following is an example of an encoded automated remarks element:

```
<faawx:automatedRemarks><![CDATA[LTG DSNT NW!CB VC NE-E MOV NE]]></faawx:automatedRemarks>
```

Operator Remarks

The *OmoExtension* object may optionally contain an *operatorRemarks* property having a string value of up to 80 characters length.

Example

The following XML example shows a sample encoding of an *iwxxm:MeteorologicalAerodromeObservation* feature with the *faawx:OmoExtension* for the OMO product.:

```
<iwxxm:MeteorologicalAerodromeObservation cloudAndVisibilityOK="true" gml:id="id8">
  <gml:name>http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:name>
  <iwxxm:airTemperature uom="Cel">31.0</iwxxm:airTemperature>
  <iwxxm:dewpointTemperature uom="Cel">22.0</iwxxm:dewpointTemperature>
  <iwxxm:qnh uom="hPa">1021.04</iwxxm:qnh>
  <iwxxm:surfaceWind>
    <iwxxm:AerodromeSurfaceWind variableWindDirection="false">
      <iwxxm:meanWindDirection uom="deg">200</iwxxm:meanWindDirection>
      <iwxxm:meanWindSpeed uom="[kn_i]">5.0</iwxxm:meanWindSpeed>
      <iwxxm:windGustSpeed uom="[kn_i]">0.0</iwxxm:windGustSpeed>
    </iwxxm:AerodromeSurfaceWind>
  </iwxxm:surfaceWind>
  <iwxxm:visibility>
    <iwxxm:AerodromeHorizontalVisibility>
      <iwxxm:prevailingVisibility uom="[nmi_i]">8.69</iwxxm:prevailingVisibility>
      <iwxxm:prevailingVisibilityOperator>ABOVE</iwxxm:prevailingVisibilityOperator>
    </iwxxm:AerodromeHorizontalVisibility>
  </iwxxm:visibility>
  <iwxxm:rvr>
    <iwxxm:AerodromeRunwayVisualRange>
      <iwxxm:runway>
        <aixm:RunwayDirection gml:id="id7b">
          <aixm:timeSlice>
            <aixm:RunwayDirectionTimeSlice gml:id="id7c">
              <gml:validTime nilReason="unknown"/>
              <aixm:interpretation>SNAPSHOT</aixm:interpretation>
              <aixm:magneticBearing>90</aixm:magneticBearing>
            </aixm:RunwayDirectionTimeSlice>
          </aixm:timeSlice>
        </aixm:RunwayDirection>
      </iwxxm:runway>
      <iwxxm:meanRVR uom="[ft_i]">6000</iwxxm:meanRVR>
      <iwxxm:meanRVROperator>ABOVE</iwxxm:meanRVROperator>
    </iwxxm:AerodromeRunwayVisualRange>
  </iwxxm:rvr>
  <iwxxm:cloud>
    <iwxxm:AerodromeCloud>
      <iwxxm:layer>
```

```

        <iwxxm:CloudLayer>
          <iwxxm:amount xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/1"
xlink:title="Few"/>
          <iwxxm:base uom="[ft_i]">4000</iwxxm:base>
        </iwxxm:CloudLayer>
      </iwxxm:layer>
      <iwxxm:layer>
        <iwxxm:CloudLayer>
          <iwxxm:amount xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/1"
xlink:title="Scattered"/>
          <iwxxm:base uom="[ft_i]">7000</iwxxm:base>
        </iwxxm:CloudLayer>
      </iwxxm:layer>
    </iwxxm:AerodromeCloud>
  </iwxxm:cloud>

  <iwxxm:extension>
    <!-- <faawx:OmoExtension> extends
      <iwxxm-us:MeteorologicalAerodromeObservationExtensionType> -->
    <faawx:OmoExtension>

    <iwxxm-us:observingSystemType xlink:href="http://nws.weather.gov/codes/FMH-
1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>

    <iwxxm-us:seaLevelPressure uom="hPa">1019.30</iwxxm-us:seaLevelPressure>

    <!-- Visibility Obscurations -->
    <iwxxm-us:visuallyObservablePhenomena>
      <iwxxm-us:VisuallyObservablePhenomena>
        <iwxxm-us:obscurations>
          <iwxxm-us:Obscurations>
            <iwxxm-us:heightOfWeatherPhenomenon uom="ft">0</iwxxm-us:heightOfWeatherPhenomenon>
            <iwxxm-us:obscurationsAmount nilReason="unknown"/>
            <iwxxm-us:weatherCausingObscuration xlink:href="http://codes.wmo.int/306/4678/BR"/>
          </iwxxm-us:Obscurations>
        </iwxxm-us:obscurations>
      </iwxxm-us:VisuallyObservablePhenomena>
    </iwxxm-us:visuallyObservablePhenomena>

    <!-- Accumulated precipitation -->
    <iwxxm-us:processedQuantity>
      <iwxxm-us:StatiscallyProcessedProperty>
        <iwxxm-us:processedWeatherElement xlink:href="http://codes.wmo.int/common/quantity-
kind/totalPrecipitation"/>
        <iwxxm-us:valueType nilReason="inapplicable"/>
        <iwxxm-us:valuePeriod>PT1H</iwxxm-us:valuePeriod>
        <iwxxm-us:processedValue uom="[in_i]">0.00</iwxxm-us:processedValue>
      </iwxxm-us:StatiscallyProcessedProperty>
    </iwxxm-us:processedQuantity>

    <!-- Site Configuration -->
    <faawx:siteConfiguration>
      <faawx:SiteConfigurationInfo>
        <faawx:siteID>72219</faawx:siteID>
        <faawx:stationType>ASOS</faawx:stationType>
        <faawx:isFederal>true</faawx:isFederal>
        <faawx:manufacturer xsi:nil="true" nilReason="missing"></faawx:manufacturer>
        <faawx:hardware xsi:nil="true" nilReason="missing"></faawx:hardware>
        <faawx:softwareVersion>3.10</faawx:softwareVersion>
      </faawx:SiteConfigurationInfo>
    </faawx:siteConfiguration>

    <!-- Alert Data -->
    <faawx:alertData>

```

```

    <faawx:AlertDataInfo>
      <faawx:alert>VISIBILITY_DECREASE</faawx:alert>
      <faawx:alert>FOG_BEGIN</faawx:alert>
    </faawx:AlertDataInfo>
  </faawx:alertData>

  <!-- Site Status -->
  <faawx:siteStatus>
    <faawx:SiteStatusInfo>
      <faawx:operatorOnDuty>false</faawx:operatorOnDuty>
      <faawx:testMode>false</faawx:testMode>
      <faawx>manualMode>true</faawx>manualMode>
      <faawx:dataSuspect>false</faawx:dataSuspect>
    </faawx:SiteStatusInfo>
  </faawx:siteStatus>

  <!-- Sensor Status -->
  <faawx:sensorStatus>
    <faawx:SensorStatus>
      <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
          <faawx:quantity>Wind_Direction</faawx:quantity>
          <faawx:status>Missing</faawx:status>
          <faawx:explanation>INVALIDATED_AUTO_RANGE_CHECK</faawx:explanation>
        </faawx:SensorStatusInfo>
      </faawx:sensorStatusItem>
      <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
          <faawx:quantity>Wind_Speed</faawx:quantity>
          <faawx:status>Good</faawx:status>
          <faawx:explanation>SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
      </faawx:sensorStatusItem>
    </faawx:SensorStatus>
  </faawx:sensorStatus>

  <!-- Present Weather -->
  <faawx:presentWeather>
    <faawx:PresentWeatherObservations>
      <faawx:presentWeatherObservation xlink:href="http://codes.wmo.int/306/4678/FZRA"/>
      <faawx:presentWeatherObservation xlink:href="http://codes.wmo.int/306/4678/FZDZ"/>
    </faawx:PresentWeatherObservations>
  </faawx:presentWeather>

  <!-- Lightning availability and indicators -->
  <faawx:lightning>
    <faawx:LightningInfo>
      <faawx:lightningDataAvailable>true</faawx:lightningDataAvailable>
      <faawx:lightningMetarSpeci>false</faawx:lightningMetarSpeci>
      <faawx:lightningActivity>
        <faawx:LightningActivityInfo>
          <!-- qualitativeDistance can be DISTANT, VICINITY, or OVERHEAD -->
          <iwxxm-us:qualitativeDistance xlink:href="https://codes.nws.noaa.gov/FMH-
1/2017/QualitativeDistance/DISTANT"/>
          <iwxxm-us:sector>
            <iwxxm-us:Sector>
              <iwxxm-us:extremeCCWDirection uom="deg">337.5</iwxxm-us:extremeCCWDirection>
              <iwxxm-us:extremeCWDirecion uom="deg">22.5</iwxxm-us:extremeCWDirecion>
            </iwxxm-us:Sector>
          </iwxxm-us:sector>
          <faawx:octant>N</faawx:octant>
        </faawx:LightningActivityInfo>
      </faawx:lightningActivity>
      <faawx:lightningActivity>
        <faawx:LightningActivityInfo>

```



```

        <iwxm-us:qualitativeDistance xlink:href="https://codes.nws.noaa.gov/FMH-
1/2017/QualitativeDistance/VICINITY"/>
        <iwxm-us:sector>
            <iwxm-us:Sector>
                <iwxm-us:extremeCCWDirection uom="deg">22.5</iwxm-us:extremeCCWDirection>
                <iwxm-us:extremeCWDirection uom="deg">67.5</iwxm-us:extremeCWDirection>
            </iwxm-us:Sector>
        </iwxm-us:sector>
        <faawx:octant>NE</faawx:octant>
    </faawx:LightningActivityInfo>
</faawx:lightningActivity>
</faawx:LightningInfo>
</faawx:lightning>

<!-- Density Altitude -->
<faawx:densityAltitude uom="[ft_i]">260</faawx:densityAltitude>

<!-- Obscuration and precipitation parameter activation -->
<faawx:obscurationAndPrecipParameterActivation>
    <faawx:ParameterActivationInfo>
        <faawx:obscurationParameterActivation>
            <faawx:ObscurationParameterActivationInfo>
                <faawx:parameter>FOG</faawx:parameter>
                <faawx:isActive>true</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
            <faawx:ObscurationParameterActivationInfo>
                <faawx:parameter>GROUND_FOG</faawx:parameter>
                <faawx:isActive>true</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:precipitationParameterActivation>
            <faawx:PrecipitationParameterActivationInfo>
                <faawx:parameter>RAIN</faawx:parameter>
                <faawx:isActive>true</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
    </faawx:ParameterActivationInfo>
</faawx:obscurationAndPrecipParameterActivation>

<!-- Automated remarks status -->
<faawx:automatedRemarksStatus>
    <faawx:AutomatedRemarksStatusInfo>
        <faawx:variableVisibility>false</faawx:variableVisibility>
        <faawx:variableWindDirection>false</faawx:variableWindDirection>
        <faawx:variableCeiling>false</faawx:variableCeiling>
        <faawx:automatedLightningRemark>true</faawx:automatedLightningRemark>
        <faawx:visibilityAtSecondLocation>false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>false</faawx:ceilingHeightAtSecondLocation>
    </faawx:AutomatedRemarksStatusInfo>
</faawx:automatedRemarksStatus>

<!-- Automated remarks (up to 80 characters with "|" separator between remark elements) -->
<!-- The remarks string needs to be enclosed in a <![CDATA[]]> block -->
<faawx:automatedRemarks>
    <![CDATA[LTG DSNT NW!CB VC NE-E MOV NE]]>
</faawx:automatedRemarks>

<!-- Operator remarks -->
<faawx:operatorRemarks></faawx:operatorRemarks>

</faawx:OmoExtension>
</iwxm:extension>

```

</iwxxm:MeteorologicalAerodromeObservation>

1.2.7 XML Application Schema

TABLE 2 lists the principal application-level schema used to model the encoding of the OMO product.

TABLE 2
Principal XML Schemas Used for the OMO Product

Namespace Prefix	Namespace URI	Schema File
om	http://www.opengis.net/om/2.0	observation.xsd
aixm	http://www.aixm.aero/schema/5.1.1	AIXM_Features.xsd
saf	http://icao.int/saf/1.0	features.xsd
iwxxm	http://icao.int/iwxxm/3.0	metarSpeci.xsd
iwxxm-us	http://www.weather.gov/iwxxm-us/3.0	usMetarSpeci.xsd
faawx	http://www.faa.gov/wx/3.0	productFeatures.xsd
faawx	http://www.faa.gov/wx/3.0	basicTypes.xsd
faawx	http://www.faa.gov/wx/3.0	omo.xsd

1.3 LIGHTNING STRIKE REPORT

1.3.1 Product Name

The product name is “**LightningStrikeReport**”.

1.3.2 Definition

The LightningStrikeReport product contains FAA WMSCR lightning strike reports.

1.3.3 Update Rate

The LightningStrikeReport update rate is defined in Attachment J-07, Table P-12, Update Rate.

1.3.4 Product Specific Properties

Each *LightningStrikeReport* may contain an optional *lightningDetectionNetworkName* element having a string value indicating the lightning detection network name.

Each *LightningStrikeReport* contains a single *samplingTime* property encoding the period of time which the report covers. The *samplingTime* element contains a *TimePeriod* object having a *beginPosition* property containing the start time of the sampling period, and an *endPosition* property containing the end time of the sampling period.

Each *LightningStrikeReport* contains a single *timeBase* property that provides a single reference time from which all of the subsequent strikes in the report are differenced. The *timeBaseProperty* contains a *TimeInstant* object having a *timePosition* property containing the reference time.

Each *LightningStrikeReport* contains a single *validTime* property encoding the valid time period for which the report data should be used. The *validTime* element contains a *TimePeriod* object having a *beginPosition* property containing the start time of the valid period, and an *endPosition* property containing the end time of the valid period.

Each *LightningStrikeReport* contains a single *totalStrikesDetected* property having a numerical value indicating the number of lightning strike events detected over the *samplingTime* period.

Each *LightningStrikeReport* may contain zero or more repeating *strike* elements.

Each *strike* element may have an optional *polarity* attribute having a string value restricted to “-“ (minus) or “+” (plus) indicating the polarity of the lightning strike.

Each *strike* element may have an optional *multiplicity* attribute having an integer value indicating the multiple stroke count of the lightning strike.

Each *strike* element may have an optional *type* attribute having a string value restricted to “CloudToGround”, “CloudToCloud”, “IntraCloud”, or “Unknown”.

Each *strike* element contains a single *StrikeInfo* object.

Each *StrikeInfo* object contains a *timeBaseOffsetInSeconds* property having a floating point value indicating the number of seconds relative to the *baseTime* value for the lightning strike.

Each *StrikeInfo* object may contain an *errorEllipseAxisA* property, if positional uncertainty information is provided. If present, it contains the positional uncertainty distance along elliptical axis “A” in units given by the *uom* attribute.

Each *StrikeInfo* object may contain an *errorEllipseAxisB* property, if positional uncertainty information is provided. If present, it contains the positional uncertainty distance along elliptical axis “B” in units given by the *uom* attribute.

Each *StrikeInfo* object contains a *location* property containing a *Point* object with a *pos* property containing the latitude and longitude location of the lightning strike.

Each *StrikeInfo* object may optionally contain a *peakCurrent* property containing the electrical current amplitude in units given by the *uom* attribute (typically kilo-Amperes, kA). Note that this value is always positive, as the polarity is given by the *polarity* attribute of the *strike* property.

Each *StrikeInfo* object may optionally contain a *lghtngDataQuality* property having a string value restricted to “Good”, “Poor” or “Unknown”.

Each *StrikeInfo* object may optionally contain a *geometricDilutionOfPosition* property having a dimensionless numerical value that expresses the Geometric Dilution of Precision (GDOP). The GDOP is roughly interpreted as a ratio of position error to the range error, with small values representing greater accuracy of the strike’s position.

The following XML example shows an example encoding of a *LightningStrikeReport*:

```
<faawx:LightningStrikeReport xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  gml:id="LightningStrikeReport-20180815T173555_001">
  <faawx:lightningDetectionNetworkName>FAA Common Lightning Detection Data (CLDD)</faawx:lightningDetectionNetworkName>
  <faawx:samplingTime>
    <gml:TimePeriod gml:id="samplingTime">
      <gml:beginPosition>2018-08-15T13:35:55.100Z</gml:beginPosition>
      <gml:endPosition>2018-08-15T13:35:55.600Z</gml:endPosition>
    </gml:TimePeriod>
  </faawx:samplingTime>
  <faawx:timeBase>
    <gml:TimeInstant gml:id="timeBase">
      <gml:timePosition>2018-08-15T13:35:55.100Z</gml:timePosition>
    </gml:TimeInstant>
  </faawx:timeBase>
  <faawx:validTime>
    <gml:TimePeriod gml:id="validTime">
      <gml:beginPosition>2018-08-15T17:35:55Z</gml:beginPosition>
      <gml:endPosition>2018-08-15T17:36:10Z</gml:endPosition>
    </gml:TimePeriod>
  </faawx:validTime>
  <faawx:totalStrikesDetected>5</faawx:totalStrikesDetected>
</faawx:LightningStrikeReport>
```

```

<faawx:strike polarity="-" multiplicity="0" type="CloudToGround">
  <faawx:StrikeInfo>
    <faawx:timeBaseOffsetInSeconds>0.0</faawx:timeBaseOffsetInSeconds>
    <faawx:location>
      <gml:Point gml:id="id9" srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="2"
axisLabels="latitude longitude" uomLabels="degree degree">
        <gml:pos>35.1986 -94.4928</gml:pos>
      </gml:Point>
    </faawx:location>
    <faawx:peakCurrent uom="kA">84.0</faawx:peakCurrent>
    <faawx:lghtngDataQuality>Good</faawx:lghtngDataQuality>
  </faawx:StrikeInfo>
</faawx:strike>
<faawx:strike polarity="-" multiplicity="0" type="CloudToGround">
  <faawx:StrikeInfo>
    <faawx:timeBaseOffsetInSeconds>0.0</faawx:timeBaseOffsetInSeconds>
    <faawx:location>
      <gml:Point gml:id="id10" srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="2"
axisLabels="latitude longitude" uomLabels="degree degree">
        <gml:pos>35.1336 -94.4733</gml:pos>
      </gml:Point>
    </faawx:location>
    <faawx:peakCurrent uom="kA">36.0</faawx:peakCurrent>
    <faawx:lghtngDataQuality>Good</faawx:lghtngDataQuality>
  </faawx:StrikeInfo>
</faawx:strike>
<faawx:strike polarity="-" multiplicity="0" type="CloudToGround">
  <faawx:StrikeInfo>
    <faawx:timeBaseOffsetInSeconds>0.0</faawx:timeBaseOffsetInSeconds>
    <faawx:location>
      <gml:Point gml:id="id11" srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="2"
axisLabels="latitude longitude" uomLabels="degree degree">
        <gml:pos>35.1767 -94.4483</gml:pos>
      </gml:Point>
    </faawx:location>
    <faawx:peakCurrent uom="kA">36.0</faawx:peakCurrent>
    <faawx:lghtngDataQuality>Good</faawx:lghtngDataQuality>
  </faawx:StrikeInfo>
</faawx:strike>
<faawx:strike polarity="-" multiplicity="0" type="CloudToGround">
  <faawx:StrikeInfo>
    <faawx:timeBaseOffsetInSeconds>0.2</faawx:timeBaseOffsetInSeconds>
    <faawx:location>
      <gml:Point gml:id="id12" srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="2"
axisLabels="latitude longitude" uomLabels="degree degree">
        <gml:pos>35.1986 -94.4925</gml:pos>
      </gml:Point>
    </faawx:location>
    <faawx:peakCurrent uom="kA">20.0</faawx:peakCurrent>
    <faawx:lghtngDataQuality>Good</faawx:lghtngDataQuality>
  </faawx:StrikeInfo>
</faawx:strike>
<faawx:strike polarity="-" multiplicity="0" type="CloudToGround">
  <faawx:StrikeInfo>
    <faawx:timeBaseOffsetInSeconds>0.5</faawx:timeBaseOffsetInSeconds>
    <faawx:location>
      <gml:Point gml:id="id13" srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="2"
axisLabels="latitude longitude" uomLabels="degree degree">
        <gml:pos>18.2347 -67.0931</gml:pos>
      </gml:Point>
    </faawx:location>
    <faawx:peakCurrent uom="kA">32.0</faawx:peakCurrent>
    <faawx:lghtngDataQuality>Good</faawx:lghtngDataQuality>
  </faawx:StrikeInfo>
</faawx:strike>

```

</faawx:LightningStrikeReport>

1.3.1 XML Application Schema

TABLE 3 lists the principal application-level schema used to model the encoding of the LightningStrikeReport product.

TABLE 3
Principal XML Schemas Used for the LightningStrikeReport Product

Namespace Prefix	Namespace URI	Schema File
faawx	http://www.faa.gov/wx/3.0	productFeatures.xsd
faawx	http://www.faa.gov/wx/3.0	basicTypes.xsd
faawx	http://www.faa.gov/wx/3.0	lightningStrike.xsd

GLOSSARY

ATC	Air Traffic Control
ATCT	Air Traffic Control Tower
CSS-Wx	Common Support Services – Weather
FAA	Federal Aviation Administration
GML	Geography Markup Language
MIT	Massachusetts Institute of Technology
MIT LL	MIT Lincoln Laboratory
NEXRAD	Next Generation Radar (WSR-88D)
NextGen	Next Generation
NWP	NextGen Weather Processor
OGC	Open Geospatial Consortium
OM	Observations and Measurements
OWL	Ontology Web Language
Unidata	University Data Interactive Computing and Communications Systems
URI	Uniform Resource Identifier
URL	Uniform Resource Locator
WXXM	Weather Exchange Model
WXXS	Weather Exchange Schema
XML	Extensible Markup Language

REFERENCES

- [1] Weather Exchange Model web site, <http://www.wxwm.aero/>
- [3] CSS-Wx Wiki web site, <https://wiki.ucar.edu/display/CSSWX/Weather+Data+Models>
- [4] S. Cox, ed, "OGC Abstract Specification: Geographic information -- Observations and measurements", OpenGIS Consortium document OGC 10-004r3, Version 2.0, <http://www.opengis.net/doc/is/om/2.0>, 17 September 2013.
- [5] NWP/CSS-Wx Contract Attachment J-07, NextGen Weather Systems Description Document
- [6] World Meteorological Organization, "Manual on the Global Telecommunication System, Volume 1 (Annex III to WMO Technical Regulations), Global Aspects", WMO-No. 386, 2009.
- [7] U.S. Dept. of Transportation, "Interface Control Document for AWOS, AWOS-C, ASOS, AWSS, and ADAS", NAS-IC-25083101 Revision H, 5/4/2015.

```

<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T173111">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T173111</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:30:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:30:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:31:11.681Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
      <om:validTime>
        <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T17:30:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:31:15Z</gml:endPosition>
        </gml:TimePeriod>
      </om:validTime>
      <om:procedure>
        <metce:Process gml:id="id5">
          <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
          </metce:Process>
        </om:procedure>
      <om:parameter>
        <om:NamedValue>
          <om:name xlink:title="origin_id"/>
          <om:value>KZME</om:value>
        </om:NamedValue>
      </om:parameter>
    </om:OM_Observation>
  </faawx:observation>
</OMO>

```

```

    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
            <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
            <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                    <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
            </gml:location>
            <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
            </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
            <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
                <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
                <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
                <iwxxm:surfaceWind>
                    <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
                        <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
                        <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
                        <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
                    </iwxxm:AerodromeSurfaceWind>
                </iwxxm:surfaceWind>
                <iwxxm:visibility>
                    <iwxxm:AerodromeHorizontalVisibility>
                        <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
                    </iwxxm:AerodromeHorizontalVisibility>
                </iwxxm:visibility>
                <iwxxm:cloud>
                    <iwxxm:AerodromeCloud>
                        <iwxxm:layer>
                            <iwxxm:CloudLayer>
                                <iwxxm:amount

```

```

xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/2"
xlink:title="SCT"/>
    <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
  </iwxxm:CloudLayer>
</iwxxm:layer>
<iwxxm:layer>
  <iwxxm:CloudLayer>
    <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/3"
xlink:title="BKN"/>
    <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
  </iwxxm:CloudLayer>
</iwxxm:layer>
</iwxxm:AerodromeCloud>
</iwxxm:cloud>
<iwxxm:extension>
  <faawx:OmoExtension>
    <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/observingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
    <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
    <iwxxm-us:processedQuantity>
      <iwxxm-us:ProcessedProperty>
        <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
        <iwxxm-us:valueType nilReason="inapplicable"/>
        <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
        <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
      </iwxxm-us:ProcessedProperty>
    </iwxxm-us:processedQuantity>
  <faawx:siteConfiguration>
    <faawx:SiteConfigurationInfo>
      <faawx:siteID>KLIT</faawx:siteID>
      <faawx:stationType>ASOS</faawx:stationType>
      <faawx:isFederal>true</faawx:isFederal>
      <faawx:manufacturer></faawx:manufacturer>
      <faawx:hardware></faawx:hardware>

    <faawx:softwareVersion>3.1</faawx:softwareVersion>
    </faawx:SiteConfigurationInfo>
  </faawx:siteConfiguration>
  <faawx:sensorStatus>
    <faawx:SensorStatus>
      <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
          <faawx:quantity>
Precipitation_Occurrence_Or_Type</faawx:quantity>
          <faawx:status>Good</faawx:status>

```

```

<faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>
</faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
<faawx:sensorStatusItem>
<faawx:SensorStatusInfo>
<faawx:quantity>
Precipitation_Accumulation</faawx:quantity>
<faawx:status>Good</faawx:status>
<faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
</faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
<faawx:sensorStatusItem>
<faawx:SensorStatusInfo>
<faawx:quantity>Pressure</faawx:quantity>
<faawx:status>Good</faawx:status>
<faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
</faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
<faawx:sensorStatusItem>
<faawx:SensorStatusInfo>
<faawx:quantity>
Ceiling_Height_Indicator</faawx:quantity>
<faawx:status>Good</faawx:status>
<faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
</faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
<faawx:sensorStatusItem>
<faawx:SensorStatusInfo>
<faawx:quantity>
Ambient_Temperature</faawx:quantity>
<faawx:status>Good</faawx:status>
<faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
</faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
<faawx:sensorStatusItem>
<faawx:SensorStatusInfo>
<faawx:quantity>
Dew_Point_Temperature</faawx:quantity>
<faawx:status>Good</faawx:status>
<faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
</faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
<faawx:sensorStatusItem>
<faawx:SensorStatusInfo>
<faawx:quantity>
Wind_Direction</faawx:quantity>

```

```

        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>Wind_Speed</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>
Freezing_Rain</faawx:quantity>
            <faawx:status>Missing</faawx:status>
            <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>RVR</faawx:quantity>
            <faawx:status>Missing</faawx:status>
            <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>Visibility</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>Lightning</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    </faawx:SensorStatus>
</faawx:sensorStatus>
<faawx:lightning>
    <faawx:LightningInfo>
        <faawx:lightningDataAvailable>
true</faawx:lightningDataAvailable>

```

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        <faawx:lightningMetarSpeci>
false</faawx:lightningMetarSpeci>
        <faawx:lightningActivity>
        <faawx:LightningActivityInfo>
        <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
        <iwxxm-us:sector>
        <iwxxm-us:Sector>
        <iwxxm-us:extremeCCWDDirection
uom="deg">112.5</iwxxm-us:extremeCCWDDirection>
        <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
        </iwxxm-us:Sector>
        </iwxxm-us:sector>
        <faawx:octant>SE</faawx:octant>
        </faawx:LightningActivityInfo>
        </faawx:lightningActivity>
        <faawx:lightningActivity>
        <faawx:LightningActivityInfo>
        <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
        <iwxxm-us:sector>
        <iwxxm-us:Sector>
        <iwxxm-us:extremeCCWDDirection
uom="deg">157.5</iwxxm-us:extremeCCWDDirection>
        <iwxxm-us:extremeCWDDirection
uom="deg">202.5</iwxxm-us:extremeCWDDirection>
        </iwxxm-us:Sector>
        </iwxxm-us:sector>
        <faawx:octant>S</faawx:octant>
        </faawx:LightningActivityInfo>
        </faawx:lightningActivity>
        </faawx:LightningInfo>
        </faawx:lightning>
        <faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
        <faawx:densityAltitude
uom="[ft_i]">2900.0</faawx:densityAltitude>
        <faawx:obscurationAndPrecipParameterActivation>
        <faawx:ParameterActivationInfo>
        <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>MIST</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>FOG</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>

```



```

        </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>
GROUND_FOG</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
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        </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>ICE_FOG</faawx:parameter>
            <faawx:isActive>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>HAZE</faawx:parameter>
            <faawx:isActive>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>SMOKE</faawx:parameter>
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        </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
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DUST_VOLCANIC_ASH</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>
BLOWING_SNOW_SAND_DUST_SPRAY</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>RAIN</faawx:parameter>
            <faawx:isActive>false</faawx:isActive>
        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
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            <faawx:parameter>
SNOW_GRAINS</faawx:parameter>
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            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
    </faawx:precipitationParameterActivation>

```

```

        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>
FREEZING_RAIN</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
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        </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>
SMALL_HAIL_ICE_PELLETS</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>
ICE_PELLETS</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>SNOW</faawx:parameter>
            <faawx:isActive>false</faawx:isActive>
        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>
ICE_CRYSTALS</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>HAIL</faawx:parameter>
            <faawx:isActive>false</faawx:isActive>
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    </faawx:precipitationParameterActivation>
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<faawx:automatedRemarksStatus>
    <faawx:AutomatedRemarksStatusInfo>
        <faawx:variableVisibility>
false</faawx:variableVisibility>
        <faawx:variableWindDirection>
false</faawx:variableWindDirection>
        <faawx:variableCeiling>
false</faawx:variableCeiling>

```

```

        <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
        <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
        </faawx:AutomatedRemarksStatusInfo>
        </faawx:automatedRemarksStatus>
        <faawx:automatedRemarks><![CDATA[LTG DSNT E AND
S]]></faawx:automatedRemarks>
        <faawx:operatorRemarks></faawx:operatorRemarks>
        </faawx:OmoExtension>
        </iwxxm:extension>
        </iwxxm:MeteorologicalAerodromeObservation>
    </om:result>
</om:OM_Observation>
</faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T173217">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T173217</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:31:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:31:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:32:17.610Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
        <om:validTime>
          <gml:TimePeriod gml:id="id4">

```

```

<gml:beginPosition>2023-02-22T17:31:00Z</gml:beginPosition>
  <gml:endPosition>2023-02-22T17:32:15Z</gml:endPosition>
</gml:TimePeriod>
</om:validTime>
<om:procedure>
  <metce:Process gml:id="id5">
    <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
    </metce:Process>
  </om:procedure>
  <om:parameter>
    <om:NamedValue>
      <om:name xlink:title="origin_id"/>
      <om:value>KZME</om:value>
    </om:NamedValue>
  </om:parameter>
  <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
      <saf:Aerodrome gml:id="id6">
        <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
        <gml:location>
          <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
            <gml:pos>34.7333 -92.2333 79.0</gml:pos>
          </gml:Point>
        </gml:location>
        <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
        </saf:Aerodrome>
      </om:featureOfInterest>
    <om:result>
      <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
        <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
        <iwxxm:surfaceWind>
          <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
            <iwxxm:meanWindDirection

```

```

uom="deg">350.0</iwxxm:meanWindDirection>
    <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
    <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
    </iwxxm:AerodromeSurfaceWind>
    </iwxxm:surfaceWind>
    <iwxxm:visibility>
    <iwxxm:AerodromeHorizontalVisibility>
    <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
    </iwxxm:AerodromeHorizontalVisibility>
    </iwxxm:visibility>
    <iwxxm:cloud>
    <iwxxm:AerodromeCloud>
    <iwxxm:layer>
    <iwxxm:CloudLayer>
    <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
    <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
    </iwxxm:CloudLayer>
    </iwxxm:layer>
    <iwxxm:layer>
    <iwxxm:CloudLayer>
    <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
    <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
    </iwxxm:CloudLayer>
    </iwxxm:layer>
    </iwxxm:AerodromeCloud>
    </iwxxm:cloud>
    <iwxxm:extension>
    <faawx:OmoExtension>
    <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
    <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
    <iwxxm-us:processedQuantity>
    <iwxxm-us:ProcessedProperty>
    <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
    <iwxxm-us:valueType nilReason="inapplicable"/>
    <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
    <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
    </iwxxm-us:ProcessedProperty>
    </iwxxm-us:processedQuantity>

```

```

        <faawx:siteConfiguration>
          <faawx:SiteConfigurationInfo>
            <faawx:siteID>KLIT</faawx:siteID>
            <faawx:stationType>ASOS</faawx:stationType>
            <faawx:isFederal>true</faawx:isFederal>
            <faawx:manufacturer></faawx:manufacturer>
            <faawx:hardware></faawx:hardware>

<faawx:softwareVersion>3.1</faawx:softwareVersion>
          </faawx:SiteConfigurationInfo>
        </faawx:siteConfiguration>
        <faawx:sensorStatus>
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                        <iwxxm-us:extremeCCWDirection
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    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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    <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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      <om:featureOfInterest>
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US</gml:description>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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```

KLIT</saf:locationIndicatorICAO>
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kind/totalPrecipitation"/>
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  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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Weather Observations and Reports"/>
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US</gml:description>
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axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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KLIT</saf:locationIndicatorICAO>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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US</gml:description>
            <gml:location>
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axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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KLIT</saf:locationIndicatorICAO>
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  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T173615">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T173615</gml:identifier>

```

```

    <gml:name>OMO</gml:name>
    <faawx:version>NWP-PDD-1.5</faawx:version>
    <faawx:observation>
      <om:OM_Observation gml:id="id1">
        <om:phenomenonTime>
          <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:35:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:35:00Z</gml:endPosition>
        </gml:TimePeriod>
        </om:phenomenonTime>
        <om:resultTime>
          <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:36:15.881Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
        <om:validTime>
          <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T17:35:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:36:15Z</gml:endPosition>
        </gml:TimePeriod>
        </om:validTime>
        <om:procedure>
          <metce:Process gml:id="id5">
            <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
            </metce:Process>
          </om:procedure>
          <om:parameter>
            <om:NamedValue>
              <om:name xlink:title="origin_id"/>
              <om:value>KZME</om:value>
            </om:NamedValue>
          </om:parameter>
          <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
          <om:featureOfInterest>
            <saf:Aerodrome gml:id="id6">
              <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
              <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                  <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
              </gml:location>
            </saf:Aerodrome>
          </om:featureOfInterest>
        </om:observedProperty>
      </om:OM_Observation>
    </faawx:observation>
  </om:OM_Observation>
</gml:OM_Observation>

```

```

        </gml:location>
        <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
        </saf:Aerodrome>
    </om:featureOfInterest>
    <om:result>
        <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
            <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
                <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
                <iwxxm:surfaceWind>
                    <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
                        <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
                        <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
                        <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
                    </iwxxm:AerodromeSurfaceWind>
                </iwxxm:surfaceWind>
                <iwxxm:visibility>
                    <iwxxm:AerodromeHorizontalVisibility>
                        <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
                    </iwxxm:AerodromeHorizontalVisibility>
                </iwxxm:visibility>
                <iwxxm:cloud>
                    <iwxxm:AerodromeCloud>
                        <iwxxm:layer>
                            <iwxxm:CloudLayer>
                                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/2"
xlink:title="SCT"/>
                                    <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
                                </iwxxm:CloudLayer>
                            </iwxxm:layer>
                        <iwxxm:layer>
                            <iwxxm:CloudLayer>
                                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/3"
xlink:title="BKN"/>
                                    <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
                                </iwxxm:CloudLayer>
                            </iwxxm:layer>
                        </iwxxm:AerodromeCloud>

```

```

        </iwxxm:cloud>
        <iwxxm:extension>
            <faawx:OmoExtension>
                <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSyst
emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
                <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
                <iwxxm-us:processedQuantity>
                    <iwxxm-us:ProcessedProperty>
                        <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-
kind/totalPrecipitation"/>
                            <iwxxm-us:valueType nilReason="inapplicable"/>
                            <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
                                <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
                                    </iwxxm-us:ProcessedProperty>
                                </iwxxm-us:processedQuantity>
                            <faawx:siteConfiguration>
                                <faawx:SiteConfigurationInfo>
                                    <faawx:siteID>KLIT</faawx:siteID>
                                    <faawx:stationType>ASOS</faawx:stationType>
                                    <faawx:isFederal>true</faawx:isFederal>
                                    <faawx:manufacturer></faawx:manufacturer>
                                    <faawx:hardware></faawx:hardware>
                                </faawx:SiteConfigurationInfo>
                            </faawx:siteConfiguration>
                            <faawx:sensorStatus>
                                <faawx:SensorStatus>
                                    <faawx:sensorStatusItem>
                                        <faawx:SensorStatusInfo>
                                            <faawx:quantity>
Precipitation_Occurrence_Or_Type</faawx:quantity>
                                                <faawx:status>Good</faawx:status>
                                                <faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>
                                                    </faawx:SensorStatusInfo>
                                                </faawx:sensorStatusItem>
                                                <faawx:sensorStatusItem>
                                                    <faawx:SensorStatusInfo>
                                                        <faawx:quantity>
Precipitation_Accumulation</faawx:quantity>
                                                            <faawx:status>Good</faawx:status>
                                                            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
                                                                </faawx:SensorStatusInfo>
                                                            </faawx:sensorStatusItem>
                                                            <faawx:sensorStatusItem>

```

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        <faawx:SensorStatusInfo>
            <faawx:quantity>Pressure</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
    </faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
        <faawx:quantity>
Ceiling_Height_Indicator</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    </faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
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Ambient_Temperature</faawx:quantity>
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        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
    </faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
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Dew_Point_Temperature</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
    </faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
        <faawx:quantity>
Wind_Direction</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
    </faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
        <faawx:quantity>Wind_Speed</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    </faawx:sensorStatusItem>

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        <faawx:SensorStatusInfo>
          <faawx:quantity>
Freezing_Rain</faawx:quantity>
          <faawx:status>Missing</faawx:status>
          <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>
        </faawx:SensorStatusInfo>
      </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
      <faawx:SensorStatusInfo>
        <faawx:quantity>RVR</faawx:quantity>
        <faawx:status>Missing</faawx:status>
        <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>
      </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
  <faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
      <faawx:quantity>Visibility</faawx:quantity>
      <faawx:status>Good</faawx:status>
      <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
    </faawx:SensorStatusInfo>
  </faawx:sensorStatusItem>
</faawx:sensorStatusItem>
  <faawx:SensorStatusInfo>
    <faawx:quantity>Lightning</faawx:quantity>
    <faawx:status>Good</faawx:status>
    <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
  </faawx:SensorStatusInfo>
</faawx:sensorStatusItem>
</faawx:SensorStatus>
</faawx:sensorStatus>
<faawx:lightning>
  <faawx:LightningInfo>
    <faawx:lightningDataAvailable>
true</faawx:lightningDataAvailable>
    <faawx:lightningMetarSpeci>
false</faawx:lightningMetarSpeci>
    <faawx:lightningActivity>
      <faawx:LightningActivityInfo>
        <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
        <iwxxm-us:sector>
          <iwxxm-us:Sector>
            <iwxxm-us:extremeCCWDirection
uom="deg">112.5</iwxxm-us:extremeCCWDirection>
            <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
          </iwxxm-us:Sector>

```

```

        </iwxxm-us:sector>
        <faawx:octant>SE</faawx:octant>
    </faawx:LightningActivityInfo>
</faawx:lightningActivity>
<faawx:lightningActivity>
    <faawx:LightningActivityInfo>
        <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
        <iwxxm-us:sector>
            <iwxxm-us:Sector>
                <iwxxm-us:extremeCCWDirection
uom="deg">157.5</iwxxm-us:extremeCCWDirection>
                <iwxxm-us:extremeCWDDirection
uom="deg">202.5</iwxxm-us:extremeCWDDirection>
            </iwxxm-us:Sector>
        </iwxxm-us:sector>
        <faawx:octant>S</faawx:octant>
    </faawx:LightningActivityInfo>
</faawx:lightningActivity>
</faawx:LightningInfo>
</faawx:lightning>
<faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
<faawx:densityAltitude
uom="[ft_i]">2900.0</faawx:densityAltitude>
<faawx:obscurationAndPrecipParameterActivation>
<faawx:ParameterActivationInfo>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>MIST</faawx:parameter>
            <faawx:isActive>>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>FOG</faawx:parameter>
            <faawx:isActive>>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
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GROUND_FOG</faawx:parameter>
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    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
            <faawx:parameter>ICE_FOG</faawx:parameter>
            <faawx:isActive>>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>

```

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</faawx:obscurateParameterActivation>
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  <faawx:ObscurateParameterActivationInfo>
    <faawx:parameter>HAZE</faawx:parameter>
    <faawx:isActive>>false</faawx:isActive>
  </faawx:ObscurateParameterActivationInfo>
</faawx:obscurateParameterActivation>
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  <faawx:ObscurateParameterActivationInfo>
    <faawx:parameter>SMOKE</faawx:parameter>
    <faawx:isActive>>false</faawx:isActive>
  </faawx:ObscurateParameterActivationInfo>
</faawx:obscurateParameterActivation>
<faawx:obscurateParameterActivation>
  <faawx:ObscurateParameterActivationInfo>
    <faawx:parameter>
DUST_VOLCANIC_ASH</faawx:parameter>
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  </faawx:ObscurateParameterActivationInfo>
</faawx:obscurateParameterActivation>
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  <faawx:ObscurateParameterActivationInfo>
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BLOWING_SNOW_SAND_DUST_SPRAY</faawx:parameter>
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  </faawx:ObscurateParameterActivationInfo>
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<faawx:precipitationParameterActivation>
  <faawx:PrecipitationParameterActivationInfo>
    <faawx:parameter>RAIN</faawx:parameter>
    <faawx:isActive>>false</faawx:isActive>
  </faawx:PrecipitationParameterActivationInfo>
</faawx:precipitationParameterActivation>
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  <faawx:PrecipitationParameterActivationInfo>
    <faawx:parameter>
SNOW_GRAINS</faawx:parameter>
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  </faawx:PrecipitationParameterActivationInfo>
</faawx:precipitationParameterActivation>
<faawx:precipitationParameterActivation>
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    <faawx:parameter>
FREEZING_RAIN</faawx:parameter>
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  </faawx:PrecipitationParameterActivationInfo>
</faawx:precipitationParameterActivation>
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  <faawx:PrecipitationParameterActivationInfo>
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SMALL_HAIL_ICE_PELLETS</faawx:parameter>
    <faawx:isActive>>false</faawx:isActive>

```

```

        </faawx:PrecipitationParameterActivationInfo>
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    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>
ICE_PELLETS</faawx:parameter>
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        </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
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        </faawx:PrecipitationParameterActivationInfo>
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    <faawx:precipitationParameterActivation>
        <faawx:PrecipitationParameterActivationInfo>
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ICE_CRYSTALS</faawx:parameter>
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        </faawx:precipitationParameterActivation>
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            <faawx:parameter>HAIL</faawx:parameter>
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        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
</faawx:ParameterActivationInfo>
</faawx:obscurationAndPrecipParameterActivation>
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    <faawx:AutomatedRemarksStatusInfo>
        <faawx:variableVisibility>
false</faawx:variableVisibility>
            <faawx:variableWindDirection>
false</faawx:variableWindDirection>
            <faawx:variableCeiling>
false</faawx:variableCeiling>
            <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
            <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
            <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
        </faawx:AutomatedRemarksStatusInfo>
    </faawx:automatedRemarksStatus>
    <faawx:automatedRemarks><![CDATA[LTG DSNT E AND
S]]></faawx:automatedRemarks>
        <faawx:operatorRemarks></faawx:operatorRemarks>
    </faawx:OmoExtension>
</iwxxm:extension>
</iwxxm:MeteorologicalAerodromeObservation>

```

```

        </om:result>
    </om:OM_Observation>
</faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T173721">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T173721</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:36:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:36:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:37:21.580Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
      <om:validTime>
        <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T17:36:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:37:15Z</gml:endPosition>
        </gml:TimePeriod>
      </om:validTime>
      <om:procedure>
        <metce:Process gml:id="id5">
          <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
          </metce:Process>
        </om:procedure>
      <om:parameter>
        <om:NamedValue>

```

```

        <om:name xlink:title="origin_id"/>
        <om:value>KZME</om:value>
    </om:NamedValue>
</om:parameter>
    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
            <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
            <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                    <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
            </gml:location>
            <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
            </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
            <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
                <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
                <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
                <iwxxm:surfaceWind>
                    <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
                        <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
                        <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
                        <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
                    </iwxxm:AerodromeSurfaceWind>
                </iwxxm:surfaceWind>
                <iwxxm:visibility>
                    <iwxxm:AerodromeHorizontalVisibility>
                        <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
                    </iwxxm:AerodromeHorizontalVisibility>
                </iwxxm:visibility>
                <iwxxm:cloud>

```

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        <iwxxm:AerodromeCloud>
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xlink:title="SCT"/>
                <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
          <iwxxm:layer>
            <iwxxm:CloudLayer>
              <iwxxm:amount
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xlink:title="BKN"/>
                <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
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            </iwxxm:layer>
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        </iwxxm:cloud>
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            <iwxxm-us:observingSystemType
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emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
            <iwxxm-us:seaLevelPressure
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            <iwxxm-us:processedQuantity>
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                <iwxxm-us:processedWeatherElement
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kind/totalPrecipitation"/>
                <iwxxm-us:valueType nilReason="inapplicable"/>
                <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
              <iwxxm-us:processedValue
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              </iwxxm-us:ProcessedProperty>
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            <faawx:SiteConfigurationInfo>
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              <faawx:stationType>ASOS</faawx:stationType>
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              <faawx:manufacturer></faawx:manufacturer>
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Precipitation_Occurrence_Or_Type</faawx:quantity>
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OPERATOR_MANUAL_ENTRY</faawx:explanation>
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Precipitation_Accumulation</faawx:quantity>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
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        <faawx:SensorStatusInfo>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        <faawx:SensorStatusInfo>
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Ceiling_Height_Indicator</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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Ambient_Temperature</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
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Dew_Point_Temperature</faawx:quantity>
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    </faawx:sensorStatusItem>

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Wind_Direction</faawx:quantity>
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                <faawx:explanation>
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Freezing_Rain</faawx:quantity>
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SENSOR_NOT_INSTALLED</faawx:explanation>
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</faawx:sensorStatus>

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false</faawx:lightningMetarSpeci>
            <faawx:lightningActivity>
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xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
                <iwxxm-us:sector>
                  <iwxxm-us:Sector>
                    <iwxxm-us:extremeCCWDDirection
uom="deg">112.5</iwxxm-us:extremeCCWDDirection>
                    <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
                  </iwxxm-us:Sector>
                </iwxxm-us:sector>
                <faawx:octant>SE</faawx:octant>
              </faawx:LightningActivityInfo>
            </faawx:lightningActivity>
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            <faawx:LightningActivityInfo>
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xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
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                <iwxxm-us:Sector>
                  <iwxxm-us:extremeCCWDDirection
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                  <iwxxm-us:extremeCWDDirection
uom="deg">202.5</iwxxm-us:extremeCWDDirection>
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        </faawx:LightningInfo>
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      <faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
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uom="[ft_i]">2900.0</faawx:densityAltitude>
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        <faawx:ParameterActivationInfo>
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    <faawx:obscurationParameterActivation>
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      <faawx:ObscurationParameterActivationInfo>
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    </faawx:precipitationParameterActivation>
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SMALL_HAIL_ICE_PELLETS</faawx:parameter>
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ICE_PELLETS</faawx:parameter>
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ICE_CRYSTALS</faawx:parameter>
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        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    </faawx:ParameterActivationInfo>
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false</faawx:variableVisibility>

```

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        <faawx:variableWindDirection>
false</faawx:variableWindDirection>
        <faawx:variableCeiling>
false</faawx:variableCeiling>
        <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
        <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
        </faawx:AutomatedRemarksStatusInfo>
        </faawx:automatedRemarksStatus>
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S]]></faawx:automatedRemarks>
        <faawx:operatorRemarks></faawx:operatorRemarks>
        </faawx:OmoExtension>
        </iwxxm:extension>
        </iwxxm:MeteorologicalAerodromeObservation>
    </om:result>
</om:OM_Observation>
</faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T173815">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T173815</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:37:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:37:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:38:15.512Z</gml:timePosition>
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</faawx:OMO>

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    </om:resultTime>
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      <gml:endPosition>2023-02-22T17:38:15Z</gml:endPosition>
    </gml:TimePeriod>
    </om:validTime>
    <om:procedure>
      <metce:Process gml:id="id5">
        <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
        </metce:Process>
      </om:procedure>
    <om:parameter>
      <om:NamedValue>
        <om:name xlink:title="origin_id"/>
        <om:value>KZME</om:value>
      </om:NamedValue>
    </om:parameter>
    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
      <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
          <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
          <gml:location>
            <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
              <gml:pos>34.7333 -92.2333 79.0</gml:pos>
            </gml:Point>
          </gml:location>
          <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
          </saf:Aerodrome>
        </om:featureOfInterest>
      </om:result>
      <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
        <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>

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        <iwxxm:surfaceWind>
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variableWindDirection="false">
            <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
            <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
            <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
          </iwxxm:AerodromeSurfaceWind>
        </iwxxm:surfaceWind>
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            <iwxxm:prevailingVisibility
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          </iwxxm:AerodromeHorizontalVisibility>
        </iwxxm:visibility>
        <iwxxm:cloud>
          <iwxxm:AerodromeCloud>
            <iwxxm:layer>
              <iwxxm:CloudLayer>
                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
                <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
            <iwxxm:layer>
              <iwxxm:CloudLayer>
                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
                <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
          </iwxxm:AerodromeCloud>
        </iwxxm:cloud>
        <iwxxm:extension>
          <faawx:OmoExtension>
            <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
            <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
            <iwxxm-us:processedQuantity>
              <iwxxm-us:ProcessedProperty>
                <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
                <iwxxm-us:valueType nilReason="inapplicable"/>
                <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>

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        <iwxxm-us:processedValue
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        <faawx:SiteConfigurationInfo>
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            <faawx:stationType>ASOS</faawx:stationType>
            <faawx:isFederal>true</faawx:isFederal>
            <faawx:manufacturer></faawx:manufacturer>
            <faawx:hardware></faawx:hardware>

<faawx:softwareVersion>3.1</faawx:softwareVersion>
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Precipitation_Occurrence_Or_Type</faawx:quantity>
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OPERATOR_MANUAL_ENTRY</faawx:explanation>
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            <faawx:sensorStatusItem>
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Precipitation_Accumulation</faawx:quantity>
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                    <faawx:explanation>
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    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
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        <om:resultTime>
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        </om:resultTime>
        <om:validTime>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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US</gml:description>
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kind/totalPrecipitation"/>
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  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
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  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
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        </faawx:OmoExtension>
        </iwxxm:extension>
        </iwxxm:MeteorologicalAerodromeObservation>
    </om:result>
</om:OM_Observation>
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  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T174111">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T174111</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

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  <gml:endPosition>2023-02-22T17:41:15Z</gml:endPosition>
  </gml:TimePeriod>
</om:validTime>
<om:procedure>
  <metce:Process gml:id="id5">
    <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
    </metce:Process>
  </om:procedure>
<om:parameter>
  <om:NamedValue>
    <om:name xlink:title="origin_id"/>
    <om:value>KZME</om:value>
  </om:NamedValue>
</om:parameter>
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property/MeteorologicalAerodromeObservation"/>
  <om:featureOfInterest>
    <saf:Aerodrome gml:id="id6">
      <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
      <gml:location>
        <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
          <gml:pos>34.7333 -92.2333 79.0</gml:pos>
        </gml:Point>
      </gml:location>
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KLIT</saf:locationIndicatorICAO>
      </saf:Aerodrome>
    </om:featureOfInterest>
  <om:result>
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
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uom="Cel">22.0</iwxxm:airTemperature>
      <iwxxm:dewpointTemperature

```

```

uom="Cel">21.0</iwxxm:dewpointTemperature>
    <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
    <iwxxm:surfaceWind>
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variableWindDirection="false">
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uom="deg">350.0</iwxxm:meanWindDirection>
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uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
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uom="[kn_i]">0.0</iwxxm:windGustSpeed>
            </iwxxm:AerodromeSurfaceWind>
        </iwxxm:surfaceWind>
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                <iwxxm:prevailingVisibility
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                </iwxxm:AerodromeHorizontalVisibility>
            </iwxxm:visibility>
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xlink:title="SCT"/>
                            <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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                    </iwxxm:layer>
                    <iwxxm:layer>
                        <iwxxm:CloudLayer>
                            <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
                            <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
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                </iwxxm:AerodromeCloud>
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                    <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
                    <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
                    <iwxxm-us:processedQuantity>
                        <iwxxm-us:ProcessedProperty>
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                            <iwxxm-us:valueType nilReason="inapplicable"/>

```



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        <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
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OPERATOR_MANUAL_ENTRY</faawx:explanation>
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Ceiling_Height_Indicator</faawx:quantity>
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ance/DISTANT"/>
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                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDirection
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uom="deg">157.5</iwxxm-us:extremeCWDDirection>
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                <faawx:octant>SE</faawx:octant>
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ance/DISTANT"/>
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                <iwxxm-us:Sector>
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uom="deg">202.5</iwxxm-us:extremeCWDirection>
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        <faawx:variableCeiling>
false</faawx:variableCeiling>
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false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>
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    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"

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xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
gml:id="OMO-KLIT-20230222T174222">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T174222</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
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        <gml:TimePeriod gml:id="id2">

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        </gml:TimePeriod>
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        <om:validTime>
          <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T17:41:00Z</gml:beginPosition>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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property/MeteorologicalAerodromeObservation"/>
        <om:featureOfInterest>
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US</gml:description>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"

```

```

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    </gml:location>
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KLIT</saf:locationIndicatorICAO>
    </saf:Aerodrome>
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e>
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                    </iwxxm:AerodromeHorizontalVisibility>
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                            </iwxxm:layer>
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                            <iwxxm:CloudLayer>
                                <iwxxm:amount
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xlink:title="BKN"/>

```



```

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        <iwxxm-us:seaLevelPressure
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kind/totalPrecipitation"/>
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ance/DISTANT"/>
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                                            <iwxxm-us:Sector>
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```

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    <iwxxm-us:extremeCWDDirection
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    </iwxxm-us:sector>
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ance/DISTANT"/>
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S]]></faawx:automatedRemarks>

```

```

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  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T174323">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T174323</gml:identifier>
  <gml:name>OMO</gml:name>
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<gml:beginPosition>2023-02-22T17:42:00Z</gml:beginPosition>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>

```

```

        </metce:Process>
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    </om:parameter>
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xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
        <om:featureOfInterest>
            <saf:Aerodrome gml:id="id6">
                <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
                <gml:location>
                    <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                        <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                    </gml:Point>
                </gml:location>
                <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
                </saf:Aerodrome>
            </om:featureOfInterest>
            <om:result>
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                    <iwxxm:airTemperature
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                    <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
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                            <iwxxm:meanWindDirection
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uom="[kn_i]">0.0</iwxxm:windGustSpeed>
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```



```

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          <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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        <iwxxm:CloudLayer>
          <iwxxm:amount
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xlink:title="BKN"/>
            <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
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        </iwxxm:layer>
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    <faawx:OmoExtension>
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xlink:href="http://nws.weather.gov/codes/FMH-1/2005/observingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
        <iwxxm-us:seaLevelPressure
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              <iwxxm-us:valueType nilReason="inapplicable"/>
              <iwxxm-us:valuePeriod>PT1H</iwxxm-
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Weather Observations and Reports"/>
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m_amsl">
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<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"

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xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:metce="http://def.wmo.int/metce/2013"
xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
          </metce:Process>
        </om:procedure>
        <om:parameter>
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            <om:value>KZME</om:value>
          </om:NamedValue>
        </om:parameter>
        <om:observedProperty
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property/MeteorologicalAerodromeObservation"/>
        <om:featureOfInterest>
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US</gml:description>
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        <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
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        </gml:Point>
        </gml:location>
        <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
        </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
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cloudAndVisibilityOK="false" gml:id="id8">
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
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        <iwxxm:dewpointTemperature
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        </iwxxm:AerodromeHorizontalVisibility>
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xlink:title="SCT"/>
        <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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kind/totalPrecipitation"/>
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        <iwxxm-us:valuePeriod>PT1H</iwxxm-
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    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
    gml:id="OMO-KLIT-20230222T174711">
    <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T174711</gml:identifier>
    <gml:name>OMO</gml:name>
    <faawx:version>NWP-PDD-1.5</faawx:version>
    <faawx:observation>
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            <om:phenomenonTime>
                <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:46:00Z</gml:beginPosition>
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            </gml:TimePeriod>

```



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        </om:phenomenonTime>
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<gml:beginPosition>2023-02-22T17:46:00Z</gml:beginPosition>
            <gml:endPosition>2023-02-22T17:47:15Z</gml:endPosition>
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        </om:validTime>
        <om:procedure>
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                <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
                </metce:Process>
            </om:procedure>
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                    <om:name xlink:title="origin_id"/>
                    <om:value>KZME</om:value>
                </om:NamedValue>
            </om:parameter>
            <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
            <om:featureOfInterest>
                <saf:Aerodrome gml:id="id6">
                    <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
                    <gml:location>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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                        </gml:Point>
                    </gml:location>
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KLIT</saf:locationIndicatorICAO>
                    </saf:Aerodrome>
                </om:featureOfInterest>
            <om:result>
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                    <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam

```

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e>
    <iwxxm:airTemperature
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    <iwxxm:dewpointTemperature
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    <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
    <iwxxm:surfaceWind>
    <iwxxm:AerodromeSurfaceWind
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    <iwxxm:meanWindDirection
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    <iwxxm:meanWindSpeed
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    <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
    </iwxxm:AerodromeSurfaceWind>
    </iwxxm:surfaceWind>
    <iwxxm:visibility>
    <iwxxm:AerodromeHorizontalVisibility>
    <iwxxm:prevailingVisibility
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    </iwxxm:AerodromeHorizontalVisibility>
    </iwxxm:visibility>
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    <iwxxm:AerodromeCloud>
    <iwxxm:layer>
    <iwxxm:CloudLayer>
    <iwxxm:amount
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xlink:title="SCT"/>
    <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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    <iwxxm:layer>
    <iwxxm:CloudLayer>
    <iwxxm:amount
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xlink:title="BKN"/>
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    </iwxxm:layer>
    </iwxxm:AerodromeCloud>
    </iwxxm:cloud>
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    <faawx:OmoExtension>
    <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
    <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
    <iwxxm-us:processedQuantity>
    <iwxxm-us:ProcessedProperty>

```

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        <iwxxm-us:processedWeatherElement
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kind/totalPrecipitation"/>
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        <iwxxm-us:processedValue
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Ceiling_Height_Indicator</faawx:quantity>
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ance/DISTANT"/>
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                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDDirection
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                        <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
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ance/DISTANT"/>
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    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"

```



```

xmlns:om="http://www.opengis.net/om/2.0"
xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:metce="http://def.wmo.int/metce/2013"
xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
gml:id="OMO-KLIT-20230222T174817">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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  <gml:name>OMO</gml:name>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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m_amsl">
            <gml:pos>34.7333 -92.2333 79.0</gml:pos>
        </gml:Point>
    </gml:location>
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KLIT</saf:locationIndicatorICAO>
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    </om:featureOfInterest>
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
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                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
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                    </iwxxm:AerodromeCloud>
                </iwxxm:cloud>
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    </om:featureOfInterest>
</om:featureOfInterest>

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kind/totalPrecipitation"/>
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ance/DISTANT"/>
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        <iwxxm-us:extremeCWDDirection
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  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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Weather Observations and Reports"/>  
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US</gml:description>  
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axisLabels="latitude longitude altitude" uomLabels="deg deg  
m_amsl">  
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          </gml:Point>  
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    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
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    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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US</gml:description>
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axisLabels="latitude longitude altitude" uomLabels="deg deg
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    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"

```

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xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
xmlns:saf="http://icao.int/saf/1.0"
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xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:metce="http://def.wmo.int/metce/2013"
xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
gml:id="OMO-KLIT-20230222T175118">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T175118</gml:identifier>
  <gml:name>OMO</gml:name>
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        </om:phenomenonTime>
        <om:resultTime>
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        </om:resultTime>
        <om:validTime>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
            </metce:Process>
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US</gml:description>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
      <gml:pos>34.7333 -92.2333 79.0</gml:pos>
    </gml:Point>
  </gml:location>
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KLIT</saf:locationIndicatorICAO>
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</om:featureOfInterest>
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        <faawx:variableWindDirection>
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        <faawx:variableCeiling>
false</faawx:variableCeiling>
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        <faawx:ceilingHeightAtSecondLocation>
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        </iwxxm:extension>
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</faawx:observation>
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<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T175215">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T175215</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
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      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

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</faawx:OMO>

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    <om:procedure>
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        <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
        </metce:Process>
      </om:procedure>
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      <om:NamedValue>
        <om:name xlink:title="origin_id"/>
        <om:value>KZME</om:value>
      </om:NamedValue>
    </om:parameter>
    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
      <saf:Aerodrome gml:id="id6">
        <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
        <gml:location>
          <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
            <gml:pos>34.7333 -92.2333 79.0</gml:pos>
          </gml:Point>
        </gml:location>
        <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
        </saf:Aerodrome>
      </om:featureOfInterest>
    <om:result>
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cloudAndVisibilityOK="false" gml:id="id8">
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
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        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
        <iwxxm:surfaceWind>
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variableWindDirection="false">
            <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
            <iwxxm:meanWindSpeed
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```

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uom="[kn_i]">0.00</iwxxm:windGustSpeed>
  </iwxxm:AerodromeSurfaceWind>
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<iwxxm:visibility>
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    <iwxxm:prevailingVisibility>
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      </iwxxm:AerodromeHorizontalVisibility>
    </iwxxm:visibility>
  <iwxxm:cloud>
    <iwxxm:AerodromeCloud>
      <iwxxm:layer>
        <iwxxm:CloudLayer>
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xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
            <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
          </iwxxm:CloudLayer>
        </iwxxm:layer>
        <iwxxm:layer>
          <iwxxm:CloudLayer>
            <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
              <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
            </iwxxm:CloudLayer>
          </iwxxm:layer>
        </iwxxm:AerodromeCloud>
      </iwxxm:cloud>
    <iwxxm:extension>
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        <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
          <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
            <iwxxm-us:processedQuantity>
              <iwxxm-us:ProcessedProperty>
                <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
                  <iwxxm-us:valueType nilReason="inapplicable"/>
                  <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
                    <iwxxm-us:processedValue
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                      </iwxxm-us:ProcessedProperty>
                    </iwxxm-us:processedQuantity>
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Precipitation_Occurrence_Or_Type</faawx:quantity>
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Precipitation_Accumulation</faawx:quantity>
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Ceiling_Height_Indicator</faawx:quantity>
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ance/DISTANT"/>
                    <iwxxm-us:sector>
                        <iwxxm-us:Sector>
                            <iwxxm-us:extremeCCWDirection
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                            <iwxxm-us:extremeCWDDirection
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                        </iwxxm-us:Sector>
                    </iwxxm-us:sector>
                    <faawx:octant>SE</faawx:octant>
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ance/DISTANT"/>
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false</faawx:variableCeiling>
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    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
    gml:id="OMO-KLIT-20230222T175311">
    <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T175311</gml:identifier>
    <gml:name>OMO</gml:name>
    <faawx:version>NWP-PDD-1.5</faawx:version>
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</om:resultTime>
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<om:procedure>
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xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
    </metce:Process>
  </om:procedure>
  <om:parameter>
    <om:NamedValue>
      <om:name xlink:title="origin_id"/>
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    </om:NamedValue>
  </om:parameter>
  <om:observedProperty
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property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
      <saf:Aerodrome gml:id="id6">
        <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
        <gml:location>
          <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
            <gml:pos>34.7333 -92.2333 79.0</gml:pos>
          </gml:Point>
        </gml:location>
        <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
      </saf:Aerodrome>
    </om:featureOfInterest>
  </om:result>

```

```

        <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
        <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
        <iwxxm:surfaceWind>
        <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
        <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
        <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
        <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
        </iwxxm:AerodromeSurfaceWind>
        </iwxxm:surfaceWind>
        <iwxxm:visibility>
        <iwxxm:AerodromeHorizontalVisibility>
        <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
        </iwxxm:AerodromeHorizontalVisibility>
        </iwxxm:visibility>
        <iwxxm:cloud>
        <iwxxm:AerodromeCloud>
        <iwxxm:layer>
        <iwxxm:CloudLayer>
        <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
        <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
        </iwxxm:CloudLayer>
        </iwxxm:layer>
        <iwxxm:layer>
        <iwxxm:CloudLayer>
        <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
        <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
        </iwxxm:CloudLayer>
        </iwxxm:layer>
        </iwxxm:AerodromeCloud>
        </iwxxm:cloud>
        <iwxxm:extension>
        <faawx:OmoExtension>
        <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSyst
emType/AUTOMATED_WITH_PRESENT_WEATHER"/>

```

```

        <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
        <iwxxm-us:processedQuantity>
        <iwxxm-us:ProcessedProperty>
        <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-
kind/totalPrecipitation"/>
        <iwxxm-us:valueType nilReason="inapplicable"/>
        <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
        <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
        </iwxxm-us:ProcessedProperty>
        </iwxxm-us:processedQuantity>
        <faawx:siteConfiguration>
        <faawx:SiteConfigurationInfo>
        <faawx:siteID>KLIT</faawx:siteID>
        <faawx:stationType>ASOS</faawx:stationType>
        <faawx:isFederal>true</faawx:isFederal>
        <faawx:manufacturer></faawx:manufacturer>
        <faawx:hardware></faawx:hardware>

        <faawx:softwareVersion>3.1</faawx:softwareVersion>
        </faawx:SiteConfigurationInfo>
        </faawx:siteConfiguration>
        <faawx:sensorStatus>
        <faawx:SensorStatus>
        <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
        <faawx:quantity>
Precipitation_Occurrence_Or_Type</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>
        </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
        <faawx:quantity>
Precipitation_Accumulation</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
        <faawx:quantity>Pressure</faawx:quantity>
        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>

```

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        </faawx:sensorStatusItem>
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Ceiling_Height_Indicator</faawx:quantity>
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                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>
Ambient_Temperature</faawx:quantity>
                <faawx:status>Good</faawx:status>
                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>
Dew_Point_Temperature</faawx:quantity>
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                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>
Wind_Direction</faawx:quantity>
                <faawx:status>Good</faawx:status>
                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>Wind_Speed</faawx:quantity>
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                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>
Freezing_Rain</faawx:quantity>
                <faawx:status>Missing</faawx:status>
                <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>

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        </faawx:SensorStatusInfo>
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SENSOR_NOT_INSTALLED</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>Visibility</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>Lightning</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
</faawx:SensorStatus>
</faawx:sensorStatus>
<faawx:lightning>
    <faawx:LightningInfo>
        <faawx:lightningDataAvailable>
true</faawx:lightningDataAvailable>
        <faawx:lightningMetarSpeci>
false</faawx:lightningMetarSpeci>
        <faawx:lightningActivity>
            <faawx:LightningActivityInfo>
                <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
                <iwxxm-us:sector>
                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDirection
uom="deg">112.5</iwxxm-us:extremeCCWDirection>
                        <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
                    </iwxxm-us:Sector>
                </iwxxm-us:sector>
                <faawx:octant>SE</faawx:octant>
            </faawx:LightningActivityInfo>
        </faawx:lightningActivity>
    </faawx:lightningActivity>
    <faawx:LightningActivityInfo>

```

```

        <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
        <iwxxm-us:sector>
        <iwxxm-us:Sector>
        <iwxxm-us:extremeCCWDirection
uom="deg">157.5</iwxxm-us:extremeCCWDirection>
        <iwxxm-us:extremeCWDirection
uom="deg">202.5</iwxxm-us:extremeCWDirection>
        </iwxxm-us:Sector>
        </iwxxm-us:sector>
        <faawx:octant>S</faawx:octant>
        </faawx:LightningActivityInfo>
        </faawx:lightningActivity>
        </faawx:LightningInfo>
        </faawx:lightning>
        <faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
        <faawx:densityAltitude
uom="[ft_i]">2900.0</faawx:densityAltitude>
        <faawx:obscurationAndPrecipParameterActivation>
        <faawx:ParameterActivationInfo>
        <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>MIST</faawx:parameter>
        <faawx:isActive>>false</faawx:isActive>
        </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>FOG</faawx:parameter>
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        </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>
GROUND_FOG</faawx:parameter>
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        </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
        <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>HAZE</faawx:parameter>
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        </faawx:ObscurationParameterActivationInfo>

```



```

        </faawx:obscurateParameterActivation>
        <faawx:obscurateParameterActivation>
            <faawx:ObscurateParameterActivationInfo>
                <faawx:parameter>SMOKE</faawx:parameter>
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        </faawx:obscurateParameterActivation>
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            <faawx:ObscurateParameterActivationInfo>
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DUST_VOLCANIC_ASH</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:ObscurateParameterActivationInfo>
        </faawx:obscurateParameterActivation>
        <faawx:obscurateParameterActivation>
            <faawx:ObscurateParameterActivationInfo>
                <faawx:parameter>
BLOWING_SNOW_SAND_DUST_SPRAY</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:ObscurateParameterActivationInfo>
        </faawx:obscurateParameterActivation>
        <faawx:precipitationParameterActivation>
            <faawx:PrecipitationParameterActivationInfo>
                <faawx:parameter>RAIN</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
        <faawx:precipitationParameterActivation>
            <faawx:PrecipitationParameterActivationInfo>
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SNOW_GRAINS</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
        <faawx:precipitationParameterActivation>
            <faawx:PrecipitationParameterActivationInfo>
                <faawx:parameter>
FREEZING_RAIN</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
        <faawx:precipitationParameterActivation>
            <faawx:PrecipitationParameterActivationInfo>
                <faawx:parameter>
SMALL_HAIL_ICE_PELLETS</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
        <faawx:precipitationParameterActivation>
            <faawx:PrecipitationParameterActivationInfo>
                <faawx:parameter>
ICE_PELLETS</faawx:parameter>

```

```

        <faawx:isActive>false</faawx:isActive>
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    <faawx:PrecipitationParameterActivationInfo>
        <faawx:parameter>SNOW</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
    </faawx:PrecipitationParameterActivationInfo>
</faawx:precipitationParameterActivation>
<faawx:precipitationParameterActivation>
    <faawx:PrecipitationParameterActivationInfo>
        <faawx:parameter>
ICE_CRYSTALS</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
    </faawx:PrecipitationParameterActivationInfo>
</faawx:precipitationParameterActivation>
<faawx:precipitationParameterActivation>
    <faawx:PrecipitationParameterActivationInfo>
        <faawx:parameter>HAIL</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
    </faawx:PrecipitationParameterActivationInfo>
</faawx:precipitationParameterActivation>
</faawx:ParameterActivationInfo>
</faawx:obscurationAndPrecipParameterActivation>
<faawx:automatedRemarksStatus>
    <faawx:AutomatedRemarksStatusInfo>
        <faawx:variableVisibility>
false</faawx:variableVisibility>
        <faawx:variableWindDirection>
false</faawx:variableWindDirection>
        <faawx:variableCeiling>
false</faawx:variableCeiling>
        <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
        <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
    </faawx:AutomatedRemarksStatusInfo>
</faawx:automatedRemarksStatus>
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S]]></faawx:automatedRemarks>
    <faawx:operatorRemarks></faawx:operatorRemarks>
</faawx:OmoExtension>
</iwxxm:extension>
</iwxxm:MeteorologicalAerodromeObservation>
</om:result>
</om:OM_Observation>
</faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

```

```

xmlns:iwxxm="http://icao.int/iwxxm/3.0"
xmlns:faawx="http://www.faa.gov/wx/3.0"
xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
xmlns:saf="http://icao.int/saf/1.0"
xmlns:om="http://www.opengis.net/om/2.0"
xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:metce="http://def.wmo.int/metce/2013"
xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
gml:id="OMO-KLIT-20230222T175418">
<gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T175418</gml:identifier>
<gml:name>OMO</gml:name>
<faawx:version>NWP-PDD-1.5</faawx:version>
<faawx:observation>
<om:OM_Observation gml:id="id1">
<om:phenomenonTime>
<gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:53:00Z</gml:beginPosition>
<gml:endPosition>2023-02-22T17:53:00Z</gml:endPosition>
</gml:TimePeriod>
</om:phenomenonTime>
<om:resultTime>
<gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:54:18.397Z</gml:timePosition>
</gml:TimeInstant>
</om:resultTime>
<om:validTime>
<gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T17:53:00Z</gml:beginPosition>
<gml:endPosition>2023-02-22T17:54:15Z</gml:endPosition>
</gml:TimePeriod>
</om:validTime>
<om:procedure>
<metce:Process gml:id="id5">
<gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
</metce:Process>
</om:procedure>
<om:parameter>
<om:NamedValue>
<om:name xlink:title="origin_id"/>
<om:value>KZME</om:value>
</om:NamedValue>
</om:parameter>
<om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-

```

```

property/MeteorologicalAerodromeObservation"/>
  <om:featureOfInterest>
    <saf:Aerodrome gml:id="id6">
      <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
      <gml:location>
        <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
          <gml:pos>34.7333 -92.2333 79.0</gml:pos>
        </gml:Point>
      </gml:location>
      <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
      </saf:Aerodrome>
    </om:featureOfInterest>
    <om:result>
      <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
        <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
          <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
          <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
          <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
          <iwxxm:surfaceWind>
            <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
              <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
              <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
              <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
            </iwxxm:AerodromeSurfaceWind>
          </iwxxm:surfaceWind>
          <iwxxm:visibility>
            <iwxxm:AerodromeHorizontalVisibility>
              <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
            </iwxxm:AerodromeHorizontalVisibility>
          </iwxxm:visibility>
          <iwxxm:cloud>
            <iwxxm:AerodromeCloud>
              <iwxxm:layer>
                <iwxxm:CloudLayer>
                  <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>

```

```

        <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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</iwxxm:layer>
    <iwxxm:layer>
        <iwxxm:CloudLayer>
            <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
            <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
        </iwxxm:CloudLayer>
    </iwxxm:layer>
</iwxxm:AerodromeCloud>
</iwxxm:cloud>
    <iwxxm:extension>
        <faawx:OmoExtension>
            <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSyst
emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
            <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
            <iwxxm-us:processedQuantity>
                <iwxxm-us:ProcessedProperty>
                    <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-
kind/totalPrecipitation"/>
                    <iwxxm-us:valueType nilReason="inapplicable"/>
                    <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
                <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
            </iwxxm-us:ProcessedProperty>
        </iwxxm-us:processedQuantity>
    </faawx:siteConfiguration>
    <faawx:SiteConfigurationInfo>
        <faawx:siteID>KLIT</faawx:siteID>
        <faawx:stationType>ASOS</faawx:stationType>
        <faawx:isFederal>true</faawx:isFederal>
        <faawx:manufacturer></faawx:manufacturer>
        <faawx:hardware></faawx:hardware>

    <faawx:softwareVersion>3.1</faawx:softwareVersion>
    </faawx:SiteConfigurationInfo>
</faawx:siteConfiguration>
    <faawx:sensorStatus>
        <faawx:SensorStatus>
            <faawx:sensorStatusItem>
                <faawx:SensorStatusInfo>
                    <faawx:quantity>
Precipitation_Occurrence_Or_Type</faawx:quantity>
                    <faawx:status>Good</faawx:status>
                    <faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>

```

```

        </faawx:SensorStatusInfo>
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                        <iwxxm-us:extremeCWDDirection
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  xmlns:faawx="http://www.faa.gov/wx/3.0"
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  xmlns:om="http://www.opengis.net/om/2.0"
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  xmlns:gml="http://www.opengis.net/gml/3.2"
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Weather Observations and Reports"/>
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US</gml:description>
            <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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xlink:title="BKN"/>
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ance/DISTANT"/>
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                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDirection
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                        <iwxxm-us:extremeCWDDirection
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                </iwxxm-us:sector>
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uom="deg">202.5</iwxxm-us:extremeCWDDirection>
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            </iwxxm-us:sector>
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        <faawx:variableCeiling>
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    <faawx:operatorRemarks></faawx:operatorRemarks>
</faawx:OmoExtension>
</iwxxm:extension>
</iwxxm:MeteorologicalAerodromeObservation>
</om:result>
</om:OM_Observation>
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<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
    gml:id="OMO-KLIT-20230222T175822">
    <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T175822</gml:identifier>
    <gml:name>OMO</gml:name>
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    <om:phenomenonTime>
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  </om:phenomenonTime>
  <om:resultTime>
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    </gml:TimeInstant>
  </om:resultTime>
  <om:validTime>
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    <gml:endPosition>2023-02-22T17:58:15Z</gml:endPosition>
  </gml:TimePeriod>
</om:validTime>
  <om:procedure>
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xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
      </metce:Process>
    </om:procedure>
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        <om:name xlink:title="origin_id"/>
        <om:value>KZME</om:value>
      </om:NamedValue>
    </om:parameter>
    <om:observedProperty
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property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
      <saf:Aerodrome gml:id="id6">
        <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
        <gml:location>
          <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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          </gml:Point>
        </gml:location>
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KLIT</saf:locationIndicatorICAO>
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  </om:observedProperty>
</om:parameter>
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e>
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                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
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                                          </iwxxm:visibility>
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                                                  <iwxxm:CloudLayer>
                                                    <iwxxm:amount
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xlink:title="SCT"/>
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                                                              <iwxxm:CloudLayer>
                                                                <iwxxm:amount
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xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
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    <iwxxm-us:ProcessedProperty>
    <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
    <iwxxm-us:valueType nilReason="inapplicable"/>
    <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
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ance/DISTANT"/>
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                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDirection
uom="deg">112.5</iwxxm-us:extremeCCWDirection>
                        <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
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                        <iwxxm-us:extremeCWDDirection
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        </faawx:lightningActivity>
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</faawx:lightning>
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false</faawx:ceilingHeightAtSecondLocation>
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        </faawx:OmoExtension>
        </iwxxm:extension>
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  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T175912">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T175912</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
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    <om:OM_Observation gml:id="id1">
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        <gml:TimePeriod gml:id="id2">

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          <gml:endPosition>2023-02-22T17:58:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T17:59:12.571Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
      <om:validTime>
        <gml:TimePeriod gml:id="id4">

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      </om:validTime>
      <om:procedure>
        <metce:Process gml:id="id5">
          <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
          </metce:Process>
        </om:procedure>
      <om:parameter>
        <om:NamedValue>
          <om:name xlink:title="origin_id"/>
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        </om:NamedValue>
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</OMO>

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    <om:observedProperty
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property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
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US</gml:description>
            <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                    <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
            </gml:location>
            <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
            </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
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cloudAndVisibilityOK="false" gml:id="id8">
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
                <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
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                        <iwxxm:windGustSpeed
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                                <iwxxm:amount

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xlink:href="http://codes.wmo.int/bufr4/deflag/0-20-008/2"
xlink:title="SCT"/>
    <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
  </iwxxm:CloudLayer>
</iwxxm:layer>
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xlink:title="BKN"/>
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</iwxxm:layer>
</iwxxm:AerodromeCloud>
</iwxxm:cloud>
<iwxxm:extension>
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xlink:href="http://nws.weather.gov/codes/FMH-1/2005/observingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
    <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
    <iwxxm-us:processedQuantity>
      <iwxxm-us:ProcessedProperty>
        <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
        <iwxxm-us:valueType nilReason="inapplicable"/>
        <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
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      </iwxxm-us:ProcessedProperty>
    </iwxxm-us:processedQuantity>
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      <faawx:hardware></faawx:hardware>

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ance/DISTANT"/>
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ance/DISTANT"/>
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        </faawx:LightningInfo>
        </faawx:lightning>
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        <faawx:ObscurationParameterActivationInfo>
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ICE_CRYSTALS</faawx:parameter>
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```

```

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        <faawx:operatorRemarks></faawx:operatorRemarks>
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        </iwxxm:extension>
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  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T180017">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T180017</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T17:59:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T17:59:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T18:00:17.227Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
        <om:validTime>
          <gml:TimePeriod gml:id="id4">

```

```

<gml:beginPosition>2023-02-22T17:59:00Z</gml:beginPosition>
  <gml:endPosition>2023-02-22T18:00:15Z</gml:endPosition>
</gml:TimePeriod>
</om:validTime>
<om:procedure>
  <metce:Process gml:id="id5">
    <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
    </metce:Process>
  </om:procedure>
  <om:parameter>
    <om:NamedValue>
      <om:name xlink:title="origin_id"/>
      <om:value>KZME</om:value>
    </om:NamedValue>
  </om:parameter>
  <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
      <saf:Aerodrome gml:id="id6">
        <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
        <gml:location>
          <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
            <gml:pos>34.7333 -92.2333 79.0</gml:pos>
          </gml:Point>
        </gml:location>
        <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
        </saf:Aerodrome>
      </om:featureOfInterest>
    <om:result>
      <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
        <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
        <iwxxm:surfaceWind>
          <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
            <iwxxm:meanWindDirection

```

```

uom="deg">350.0</iwxxm:meanWindDirection>
    <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
    <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
    </iwxxm:AerodromeSurfaceWind>
    </iwxxm:surfaceWind>
    <iwxxm:visibility>
    <iwxxm:AerodromeHorizontalVisibility>
    <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
    </iwxxm:AerodromeHorizontalVisibility>
    </iwxxm:visibility>
    <iwxxm:cloud>
    <iwxxm:AerodromeCloud>
    <iwxxm:layer>
    <iwxxm:CloudLayer>
    <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
    <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
    </iwxxm:CloudLayer>
    </iwxxm:layer>
    <iwxxm:layer>
    <iwxxm:CloudLayer>
    <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
    <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
    </iwxxm:CloudLayer>
    </iwxxm:layer>
    </iwxxm:AerodromeCloud>
    </iwxxm:cloud>
    <iwxxm:extension>
    <faawx:OmoExtension>
    <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
    <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
    <iwxxm-us:processedQuantity>
    <iwxxm-us:ProcessedProperty>
    <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
    <iwxxm-us:valueType nilReason="inapplicable"/>
    <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
    <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
    </iwxxm-us:ProcessedProperty>
    </iwxxm-us:processedQuantity>

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        <faawx:siteConfiguration>
          <faawx:SiteConfigurationInfo>
            <faawx:siteID>KLIT</faawx:siteID>
            <faawx:stationType>ASOS</faawx:stationType>
            <faawx:isFederal>true</faawx:isFederal>
            <faawx:manufacturer></faawx:manufacturer>
            <faawx:hardware></faawx:hardware>

<faawx:softwareVersion>3.1</faawx:softwareVersion>
      </faawx:SiteConfigurationInfo>
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        <faawx:sensorStatusItem>
          <faawx:SensorStatusInfo>
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Precipitation_Occurrence_Or_Type</faawx:quantity>
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              <faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>
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Precipitation_Accumulation</faawx:quantity>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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                  </faawx:sensorStatusItem>
                <faawx:sensorStatusItem>
                  <faawx:SensorStatusInfo>
                    <faawx:quantity>Pressure</faawx:quantity>
                    <faawx:status>Good</faawx:status>
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                    </faawx:sensorStatusItem>
                  <faawx:sensorStatusItem>
                    <faawx:SensorStatusInfo>
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Ceiling_Height_Indicator</faawx:quantity>
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                        <faawx:explanation>
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Ambient_Temperature</faawx:quantity>

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        <faawx:status>Good</faawx:status>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
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        <faawx:SensorStatusInfo>
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Dew_Point_Temperature</faawx:quantity>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Wind_Direction</faawx:quantity>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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SENSOR_OPERATING_DATA AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Freezing_Rain</faawx:quantity>
            <faawx:status>Missing</faawx:status>
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SENSOR_NOT_INSTALLED</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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SENSOR_NOT_INSTALLED</faawx:explanation>
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        </faawx:sensorStatusItem>
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        <faawx:SensorStatusInfo>
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        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        <faawx:SensorStatusInfo>
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        </faawx:sensorStatusItem>
    </faawx:SensorStatus>
</faawx:sensorStatus>
<faawx:lightning>
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        <faawx:lightningDataAvailable>
true</faawx:lightningDataAvailable>
        <faawx:lightningMetarSpeci>
false</faawx:lightningMetarSpeci>
        <faawx:lightningActivity>
            <faawx:LightningActivityInfo>
                <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
                <iwxxm-us:sector>
                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDirection
uom="deg">112.5</iwxxm-us:extremeCCWDirection>
                        <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
                    </iwxxm-us:Sector>
                </iwxxm-us:sector>
                <faawx:octant>SE</faawx:octant>
            </faawx:LightningActivityInfo>
        </faawx:lightningActivity>
    </faawx:lightningActivity>
        <faawx:LightningActivityInfo>
            <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
            <iwxxm-us:sector>
                <iwxxm-us:Sector>
                    <iwxxm-us:extremeCCWDirection
uom="deg">157.5</iwxxm-us:extremeCCWDirection>
                    <iwxxm-us:extremeCWDDirection
uom="deg">202.5</iwxxm-us:extremeCWDDirection>
                </iwxxm-us:Sector>
            </iwxxm-us:sector>
            <faawx:octant>S</faawx:octant>
        </faawx:LightningActivityInfo>
    </faawx:lightningActivity>

```

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        </faawx:LightningInfo>
    </faawx:lightning>
    <faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
    <faawx:densityAltitude
uom="[ft_i]">2900.0</faawx:densityAltitude>
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    <faawx:ParameterActivationInfo>
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            <faawx:ObscurationParameterActivationInfo>
                <faawx:parameter>MIST</faawx:parameter>
                <faawx:isActive>false</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
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        <faawx:obscurationParameterActivation>
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GROUND_FOG</faawx:parameter>
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                <faawx:parameter>HAZE</faawx:parameter>
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                <faawx:parameter>SMOKE</faawx:parameter>
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DUST_VOLCANIC_ASH</faawx:parameter>
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BLOWING_SNOW_SAND_DUST_SPRAY</faawx:parameter>
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        <faawx:precipitationParameterActivation>
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            </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
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SNOW_GRAINS</faawx:parameter>
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        </faawx:precipitationParameterActivation>
        <faawx:precipitationParameterActivation>
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FREEZING_RAIN</faawx:parameter>
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SMALL_HAIL_ICE_PELLETS</faawx:parameter>
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ICE_CRYSTALS</faawx:parameter>
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false</faawx:variableVisibility>
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        <faawx:variableCeiling>
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        <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
        <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
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</faawx:automatedRemarksStatus>
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    <faawx:operatorRemarks></faawx:operatorRemarks>
</faawx:OmoExtension>
</iwxxm:extension>
</iwxxm:MeteorologicalAerodromeObservation>
</om:result>
</om:OM_Observation>
</faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"
    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
    gml:id="OMO-KLIT-20230222T180112">
    <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T180112</gml:identifier>
    <gml:name>OMO</gml:name>
    <faawx:version>NWP-PDD-1.5</faawx:version>

```

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<faawx:observation>
  <om:OM_Observation gml:id="id1">
    <om:phenomenonTime>
      <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T18:00:00Z</gml:beginPosition>
      <gml:endPosition>2023-02-22T18:00:00Z</gml:endPosition>
    </gml:TimePeriod>
    </om:phenomenonTime>
    <om:resultTime>
      <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T18:01:12.455Z</gml:timePosition>
      </gml:TimeInstant>
    </om:resultTime>
    <om:validTime>
      <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T18:00:00Z</gml:beginPosition>
      <gml:endPosition>2023-02-22T18:01:15Z</gml:endPosition>
    </gml:TimePeriod>
    </om:validTime>
    <om:procedure>
      <metce:Process gml:id="id5">
        <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
        </metce:Process>
      </om:procedure>
      <om:parameter>
        <om:NamedValue>
          <om:name xlink:title="origin_id"/>
          <om:value>KZME</om:value>
        </om:NamedValue>
      </om:parameter>
      <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
      <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
          <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
          <gml:location>
            <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
              <gml:pos>34.7333 -92.2333 79.0</gml:pos>
            </gml:Point>
          </gml:location>
          <saf:locationIndicatorICAO>

```

```

KLIT</saf:locationIndicatorICAO>
  </saf:Aerodrome>
  </om:featureOfInterest>
  <om:result>
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cloudAndVisibilityOK="false" gml:id="id8">
      <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
        <iwxxm:surfaceWind>
          <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
            <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
            <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
            <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
          </iwxxm:AerodromeSurfaceWind>
        </iwxxm:surfaceWind>
        <iwxxm:visibility>
          <iwxxm:AerodromeHorizontalVisibility>
            <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
          </iwxxm:AerodromeHorizontalVisibility>
        </iwxxm:visibility>
        <iwxxm:cloud>
          <iwxxm:AerodromeCloud>
            <iwxxm:layer>
              <iwxxm:CloudLayer>
                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
                <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
            <iwxxm:layer>
              <iwxxm:CloudLayer>
                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
                <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
          </iwxxm:AerodromeCloud>
        </iwxxm:cloud>
        <iwxxm:extension>

```

```

        <faawx:OmoExtension>
            <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSyst
emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
            <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
            <iwxxm-us:processedQuantity>
                <iwxxm-us:ProcessedProperty>
                    <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-
kind/totalPrecipitation"/>
                    <iwxxm-us:valueType nilReason="inapplicable"/>
                    <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
                    <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
                </iwxxm-us:ProcessedProperty>
            </iwxxm-us:processedQuantity>
            <faawx:siteConfiguration>
                <faawx:SiteConfigurationInfo>
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                    <faawx:stationType>ASOS</faawx:stationType>
                    <faawx:isFederal>true</faawx:isFederal>
                    <faawx:manufacturer></faawx:manufacturer>
                    <faawx:hardware></faawx:hardware>
                </faawx:SiteConfigurationInfo>
            </faawx:siteConfiguration>
            <faawx:sensorStatus>
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                    <faawx:sensorStatusItem>
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Precipitation_Occurrence_Or_Type</faawx:quantity>
                            <faawx:status>Good</faawx:status>
                            <faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>
                        </faawx:SensorStatusInfo>
                    </faawx:sensorStatusItem>
                    <faawx:sensorStatusItem>
                        <faawx:SensorStatusInfo>
                            <faawx:quantity>
Precipitation_Accumulation</faawx:quantity>
                            <faawx:status>Good</faawx:status>
                            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
                        </faawx:SensorStatusInfo>
                    </faawx:sensorStatusItem>
                    <faawx:sensorStatusItem>
                        <faawx:SensorStatusInfo>
                            <faawx:quantity>Pressure</faawx:quantity>

```

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        <faawx:status>Good</faawx:status>
        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Ceiling_Height_Indicator</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Ambient_Temperature</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Dew_Point_Temperature</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Wind_Direction</faawx:quantity>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        <faawx:SensorStatusInfo>
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```



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Freezing_Rain</faawx:quantity>
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SENSOR_NOT_INSTALLED</faawx:explanation>
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    <faawx:SensorStatusInfo>
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SENSOR_NOT_INSTALLED</faawx:explanation>
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<faawx:sensorStatusItem>
    <faawx:SensorStatusInfo>
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        <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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<faawx:lightning>
    <faawx:LightningInfo>
        <faawx:lightningDataAvailable>
true</faawx:lightningDataAvailable>
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false</faawx:lightningMetarSpeci>
        <faawx:lightningActivity>
        <faawx:LightningActivityInfo>
            <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
            <iwxxm-us:sector>
                <iwxxm-us:Sector>
                    <iwxxm-us:extremeCCWDirection
uom="deg">112.5</iwxxm-us:extremeCCWDirection>
                    <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
                </iwxxm-us:Sector>
            </iwxxm-us:sector>
            <faawx:octant>SE</faawx:octant>

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        </faawx:LightningActivityInfo>
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ance/DISTANT"/>
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                <iwxxm-us:Sector>
                    <iwxxm-us:extremeCCWDDirection
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                    <iwxxm-us:extremeCWDDirection
uom="deg">202.5</iwxxm-us:extremeCWDDirection>
                </iwxxm-us:Sector>
            </iwxxm-us:sector>
            <faawx:octant>S</faawx:octant>
        </faawx:LightningActivityInfo>
    </faawx:lightningActivity>
</faawx:LightningInfo>
</faawx:lightning>
<faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
<faawx:densityAltitude
uom="[ft_i]">2900.0</faawx:densityAltitude>
<faawx:obscurationAndPrecipParameterActivation>
    <faawx:ParameterActivationInfo>
        <faawx:obscurationParameterActivation>
            <faawx:ObscurationParameterActivationInfo>
                <faawx:parameter>MIST</faawx:parameter>
                <faawx:isActive>>false</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
            <faawx:ObscurationParameterActivationInfo>
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            </faawx:ObscurationParameterActivationInfo>
        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
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GROUND_FOG</faawx:parameter>
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        </faawx:obscurationParameterActivation>
        <faawx:obscurationParameterActivation>
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        <faawx:ObscurationParameterActivationInfo>
          <faawx:parameter>HAZE</faawx:parameter>
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DUST_VOLCANIC_ASH</faawx:parameter>
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    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
      <faawx:ObscurationParameterActivationInfo>
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BLOWING_SNOW_SAND_DUST_SPRAY</faawx:parameter>
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    </faawx:precipitationParameterActivation>
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    </faawx:precipitationParameterActivation>
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        <faawx:parameter>
FREEZING_RAIN</faawx:parameter>
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    </faawx:precipitationParameterActivation>
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SMALL_HAIL_ICE_PELLETS</faawx:parameter>
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        <faawx:precipitationParameterActivation>
          <faawx:PrecipitationParameterActivationInfo>
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ICE_PELLETS</faawx:parameter>
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            </faawx:PrecipitationParameterActivationInfo>
          </faawx:precipitationParameterActivation>
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            <faawx:isActive>false</faawx:isActive>
          </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
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            <faawx:parameter>
ICE_CRYSTALS</faawx:parameter>
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            </faawx:PrecipitationParameterActivationInfo>
          </faawx:precipitationParameterActivation>
        <faawx:precipitationParameterActivation>
          <faawx:PrecipitationParameterActivationInfo>
            <faawx:parameter>HAIL</faawx:parameter>
            <faawx:isActive>false</faawx:isActive>
          </faawx:PrecipitationParameterActivationInfo>
        </faawx:precipitationParameterActivation>
      </faawx:ParameterActivationInfo>
    </faawx:obscurationAndPrecipParameterActivation>
    <faawx:automatedRemarksStatus>
      <faawx:AutomatedRemarksStatusInfo>
        <faawx:variableVisibility>
false</faawx:variableVisibility>
          <faawx:variableWindDirection>
false</faawx:variableWindDirection>
            <faawx:variableCeiling>
false</faawx:variableCeiling>
              <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
                <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
                  <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
                    </faawx:AutomatedRemarksStatusInfo>
                  </faawx:automatedRemarksStatus>
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S]]></faawx:automatedRemarks>
              <faawx:operatorRemarks></faawx:operatorRemarks>
            </faawx:OmoExtension>
          </iwxxm:extension>
        </iwxxm:MeteorologicalAerodromeObservation>
      </om:result>
    </om:OM_Observation>

```

```

    </faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T180217">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T180217</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T18:01:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T18:01:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T18:02:17.667Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
        <om:validTime>
          <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T18:01:00Z</gml:beginPosition>
            <gml:endPosition>2023-02-22T18:02:15Z</gml:endPosition>
          </gml:TimePeriod>
        </om:validTime>
        <om:procedure>
          <metce:Process gml:id="id5">
            <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
            </metce:Process>
          </om:procedure>
          <om:parameter>
            <om:NamedValue>
              <om:name xlink:title="origin_id"/>
              <om:value>KZME</om:value>
            </om:NamedValue>
          </om:parameter>
        </om:procedure>
      </om:OM_Observation>
    </faawx:observation>
  </gml:OM_Observation>
</faawx:OMO>

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```

        </om:NamedValue>
    </om:parameter>
    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
            <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
            <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                    <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
            </gml:location>
            <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
            </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
            <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
                <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
                <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
                <iwxxm:surfaceWind>
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variableWindDirection="false">
                        <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
                        <iwxxm:meanWindSpeed
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                    </iwxxm:AerodromeHorizontalVisibility>
                </iwxxm:visibility>
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                        <iwxxm:layer>

```

```

        <iwxxm:CloudLayer>
            <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
                <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
            </iwxxm:CloudLayer>
        </iwxxm:layer>
        <iwxxm:layer>
            <iwxxm:CloudLayer>
                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
                    <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
                </iwxxm:CloudLayer>
            </iwxxm:layer>
        </iwxxm:AerodromeCloud>
    </iwxxm:cloud>
    <iwxxm:extension>
        <faawx:OmoExtension>
            <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSystemType/AUTOMATED_WITH_PRESENT_WEATHER"/>
                <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
                <iwxxm-us:processedQuantity>
                    <iwxxm-us:ProcessedProperty>
                        <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-kind/totalPrecipitation"/>
                            <iwxxm-us:valueType nilReason="inapplicable"/>
                            <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
                                <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
                            </iwxxm-us:ProcessedProperty>
                        </iwxxm-us:processedQuantity>
                    </faawx:siteConfiguration>
                    <faawx:SiteConfigurationInfo>
                        <faawx:siteID>KLIT</faawx:siteID>
                        <faawx:stationType>ASOS</faawx:stationType>
                        <faawx:isFederal>true</faawx:isFederal>
                        <faawx:manufacturer></faawx:manufacturer>
                        <faawx:hardware></faawx:hardware>

<faawx:softwareVersion>3.1</faawx:softwareVersion>
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Precipitation_Occurrence_Or_Type</faawx:quantity>
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Precipitation_Accumulation</faawx:quantity>
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SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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Ceiling_Height_Indicator</faawx:quantity>
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    <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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Dew_Point_Temperature</faawx:quantity>
    <faawx:status>Good</faawx:status>
    <faawx:explanation>
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        <iwxxm-us:Sector>
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        <iwxxm-us:extremeCWDDirection
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        <faawx:ceilingHeightAtSecondLocation>
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<?xml version="1.0" encoding="UTF-8"?>
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  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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  <gml:name>OMO</gml:name>
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        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
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xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
        </metce:Process>
    </om:procedure>
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        <om:value>KZME</om:value>
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US</gml:description>
            <gml:location>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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                </gml:Point>
            </gml:location>
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                <iwxxm:dewpointTemperature
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xlink:title="SCT"/>
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  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T180418">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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        </gml:TimePeriod>
        </om:phenomenonTime>
        <om:resultTime>
          <gml:TimeInstant gml:id="id3">

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          </gml:TimeInstant>
        </om:resultTime>
        <om:validTime>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
            </metce:Process>
          </om:procedure>
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            <om:NamedValue>
              <om:name xlink:title="origin_id"/>
              <om:value>KZME</om:value>
            </om:NamedValue>
          </om:parameter>
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property/MeteorologicalAerodromeObservation"/>
          <om:featureOfInterest>
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US</gml:description>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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                </gml:Point>
              </gml:location>
            </saf:Aerodrome>
          </om:featureOfInterest>
        </om:observedProperty>
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  </gml:OM_Observation>
</gml:OM_Observation>

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KLIT</saf:locationIndicatorICAO>
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e>
                <iwxxm:airTemperature
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                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
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variableWindDirection="false">
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emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
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                    <iwxxm-us:ProcessedProperty>
                        <iwxxm-us:processedWeatherElement
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kind/totalPrecipitation"/>
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                            <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
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                                    <faawx:hardware></faawx:hardware>
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false</faawx:variableCeiling>
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false</faawx:ceilingHeightAtSecondLocation>
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S]]></faawx:automatedRemarks>
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</iwxxm:MeteorologicalAerodromeObservation>

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  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T180513">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T180513</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T18:04:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T18:04:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T18:05:13.178Z</gml:timePosition>
          </gml:TimeInstant>
        </om:resultTime>
        <om:validTime>
          <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T18:04:00Z</gml:beginPosition>
            <gml:endPosition>2023-02-22T18:05:15Z</gml:endPosition>
          </gml:TimePeriod>
        </om:validTime>
        <om:procedure>
          <metce:Process gml:id="id5">
            <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
            </metce:Process>
          </om:procedure>
          <om:parameter>
            <om:NamedValue>

```

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        <om:name xlink:title="origin_id"/>
        <om:value>KZME</om:value>
    </om:NamedValue>
</om:parameter>
    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
            <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
            <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                    <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
            </gml:location>
            <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
            </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
            <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
                <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
                <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
                <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
                <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>
                <iwxxm:surfaceWind>
                    <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
                        <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
                        <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
                        <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
                    </iwxxm:AerodromeSurfaceWind>
                </iwxxm:surfaceWind>
                <iwxxm:visibility>
                    <iwxxm:AerodromeHorizontalVisibility>
                        <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
                    </iwxxm:AerodromeHorizontalVisibility>
                </iwxxm:visibility>
                <iwxxm:cloud>

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        <iwxxm:AerodromeCloud>
          <iwxxm:layer>
            <iwxxm:CloudLayer>
              <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
                <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
          <iwxxm:layer>
            <iwxxm:CloudLayer>
              <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/3"
xlink:title="BKN"/>
                <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
              </iwxxm:CloudLayer>
            </iwxxm:layer>
          </iwxxm:AerodromeCloud>
        </iwxxm:cloud>
        <iwxxm:extension>
          <faawx:OmoExtension>
            <iwxxm-us:observingSystemType
xlink:href="http://nws.weather.gov/codes/FMH-1/2005/ObservingSyst
emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
            <iwxxm-us:seaLevelPressure
uom="hPa">1019.30</iwxxm-us:seaLevelPressure>
            <iwxxm-us:processedQuantity>
              <iwxxm-us:ProcessedProperty>
                <iwxxm-us:processedWeatherElement
xlink:href="http://codes.wmo.int/common/quantity-
kind/totalPrecipitation"/>
                <iwxxm-us:valueType nilReason="inapplicable"/>
                <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
                <iwxxm-us:processedValue
uom="[in_i]">0.00</iwxxm-us:processedValue>
              </iwxxm-us:ProcessedProperty>
            </iwxxm-us:processedQuantity>
          <faawx:siteConfiguration>
            <faawx:SiteConfigurationInfo>
              <faawx:siteID>KLIT</faawx:siteID>
              <faawx:stationType>ASOS</faawx:stationType>
              <faawx:isFederal>true</faawx:isFederal>
              <faawx:manufacturer></faawx:manufacturer>
              <faawx:hardware></faawx:hardware>

            <faawx:softwareVersion>3.1</faawx:softwareVersion>
            </faawx:SiteConfigurationInfo>
          </faawx:siteConfiguration>
          <faawx:sensorStatus>
            <faawx:SensorStatus>
              <faawx:sensorStatusItem>

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        <faawx:SensorStatusInfo>
            <faawx:quantity>
Precipitation_Occurrence_Or_Type</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
OPERATOR_MANUAL_ENTRY</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>
Precipitation_Accumulation</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>Pressure</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
        </faawx:SensorStatusInfo>
    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>
Ceiling_Height_Indicator</faawx:quantity>
            <faawx:status>Good</faawx:status>
            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
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Ambient_Temperature</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>
    <faawx:sensorStatusItem>
        <faawx:SensorStatusInfo>
            <faawx:quantity>
Dew_Point_Temperature</faawx:quantity>
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            <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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    </faawx:sensorStatusItem>

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        <faawx:sensorStatusItem>
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                <faawx:quantity>
Wind_Direction</faawx:quantity>
                <faawx:status>Good</faawx:status>
                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>Wind_Speed</faawx:quantity>
                <faawx:status>Good</faawx:status>
                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
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        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>
Freezing_Rain</faawx:quantity>
                <faawx:status>Missing</faawx:status>
                <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
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                <faawx:status>Missing</faawx:status>
                <faawx:explanation>
SENSOR_NOT_INSTALLED</faawx:explanation>
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        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>Visibility</faawx:quantity>
                <faawx:status>Good</faawx:status>
                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
        <faawx:sensorStatusItem>
            <faawx:SensorStatusInfo>
                <faawx:quantity>Lightning</faawx:quantity>
                <faawx:status>Good</faawx:status>
                <faawx:explanation>
SENSOR_OPERATING_DATA_AVAILABLE</faawx:explanation>
            </faawx:SensorStatusInfo>
        </faawx:sensorStatusItem>
    </faawx:SensorStatus>
</faawx:sensorStatus>

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        <faawx:lightning>
          <faawx:LightningInfo>
            <faawx:lightningDataAvailable>
true</faawx:lightningDataAvailable>
            <faawx:lightningMetarSpeci>
false</faawx:lightningMetarSpeci>
            <faawx:lightningActivity>
              <faawx:LightningActivityInfo>
                <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
                <iwxxm-us:sector>
                  <iwxxm-us:Sector>
                    <iwxxm-us:extremeCCWDDirection
uom="deg">112.5</iwxxm-us:extremeCCWDDirection>
                    <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
                  </iwxxm-us:Sector>
                </iwxxm-us:sector>
                <faawx:octant>SE</faawx:octant>
              </faawx:LightningActivityInfo>
            </faawx:lightningActivity>
          <faawx:lightningActivity>
            <faawx:LightningActivityInfo>
              <iwxxm-us:qualitativeDistance
xlink:href="https://codes.nws.noaa.gov/FMH-1/2017/QualitativeDist
ance/DISTANT"/>
              <iwxxm-us:sector>
                <iwxxm-us:Sector>
                  <iwxxm-us:extremeCCWDDirection
uom="deg">157.5</iwxxm-us:extremeCCWDDirection>
                  <iwxxm-us:extremeCWDDirection
uom="deg">202.5</iwxxm-us:extremeCWDDirection>
                </iwxxm-us:Sector>
              </iwxxm-us:sector>
              <faawx:octant>S</faawx:octant>
            </faawx:LightningActivityInfo>
          </faawx:lightningActivity>
        </faawx:LightningInfo>
      </faawx:lightning>
      <faawx:magNorthWindDirection
uom="deg">340.0</faawx:magNorthWindDirection>
      <faawx:densityAltitude
uom="[ft_i]">2900.0</faawx:densityAltitude>
      <faawx:obscurationAndPrecipParameterActivation>
        <faawx:ParameterActivationInfo>
          <faawx:obscurationParameterActivation>
            <faawx:ObscurationParameterActivationInfo>
              <faawx:parameter>MIST</faawx:parameter>
              <faawx:isActive>false</faawx:isActive>
            </faawx:ObscurationParameterActivationInfo>
          </faawx:obscurationParameterActivation>

```

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    <faawx:obscurationParameterActivation>
      <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>FOG</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
      </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
      <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>
GROUND_FOG</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
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    <faawx:obscurationParameterActivation>
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        <faawx:parameter>ICE_FOG</faawx:parameter>
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      </faawx:ObscurationParameterActivationInfo>
    </faawx:obscurationParameterActivation>
    <faawx:obscurationParameterActivation>
      <faawx:ObscurationParameterActivationInfo>
        <faawx:parameter>HAZE</faawx:parameter>
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      </faawx:ObscurationParameterActivationInfo>
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        <faawx:parameter>SMOKE</faawx:parameter>
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DUST_VOLCANIC_ASH</faawx:parameter>
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BLOWING_SNOW_SAND_DUST_SPRAY</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
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    </faawx:obscurationParameterActivation>
    <faawx:precipitationParameterActivation>
      <faawx:PrecipitationParameterActivationInfo>
        <faawx:parameter>RAIN</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
      </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>

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        <faawx:PrecipitationParameterActivationInfo>
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SNOW_GRAINS</faawx:parameter>
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    </faawx:precipitationParameterActivation>
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        <faawx:parameter>
FREEZING_RAIN</faawx:parameter>
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        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
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        <faawx:parameter>
SMALL_HAIL_ICE_PELLETS</faawx:parameter>
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    </faawx:precipitationParameterActivation>
    <faawx:precipitationParameterActivation>
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        <faawx:parameter>
ICE_PELLETS</faawx:parameter>
        <faawx:isActive>false</faawx:isActive>
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    </faawx:precipitationParameterActivation>
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        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
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        <faawx:PrecipitationParameterActivationInfo>
        <faawx:parameter>
ICE_CRYSTALS</faawx:parameter>
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        </faawx:PrecipitationParameterActivationInfo>
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        <faawx:parameter>HAIL</faawx:parameter>
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        </faawx:PrecipitationParameterActivationInfo>
    </faawx:precipitationParameterActivation>
    </faawx:ParameterActivationInfo>
</faawx:obscurationAndPrecipParameterActivation>
<faawx:automatedRemarksStatus>
    <faawx:AutomatedRemarksStatusInfo>
        <faawx:variableVisibility>
false</faawx:variableVisibility>

```

```

        <faawx:variableWindDirection>
false</faawx:variableWindDirection>
        <faawx:variableCeiling>
false</faawx:variableCeiling>
        <faawx:automatedLightningRemark>
true</faawx:automatedLightningRemark>
        <faawx:visibilityAtSecondLocation>
false</faawx:visibilityAtSecondLocation>
        <faawx:ceilingHeightAtSecondLocation>
false</faawx:ceilingHeightAtSecondLocation>
        </faawx:AutomatedRemarksStatusInfo>
        </faawx:automatedRemarksStatus>
        <faawx:automatedRemarks><![CDATA[LTG DSNT E AND
S]]></faawx:automatedRemarks>
        <faawx:operatorRemarks></faawx:operatorRemarks>
        </faawx:OmoExtension>
        </iwxxm:extension>
        </iwxxm:MeteorologicalAerodromeObservation>
    </om:result>
</om:OM_Observation>
</faawx:observation>
</faawx:OMO>
<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T180627">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T180627</gml:identifier>
  <gml:name>OMO</gml:name>
  <faawx:version>NWP-PDD-1.5</faawx:version>
  <faawx:observation>
    <om:OM_Observation gml:id="id1">
      <om:phenomenonTime>
        <gml:TimePeriod gml:id="id2">

<gml:beginPosition>2023-02-22T18:05:00Z</gml:beginPosition>
          <gml:endPosition>2023-02-22T18:05:00Z</gml:endPosition>
        </gml:TimePeriod>
      </om:phenomenonTime>
      <om:resultTime>
        <gml:TimeInstant gml:id="id3">

<gml:timePosition>2023-02-22T18:06:27.755Z</gml:timePosition>
          </gml:TimeInstant>
        </gml:TimeInstant>
      </om:resultTime>
    </om:OM_Observation>
  </faawx:observation>
</faawx:OMO>

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```

    </om:resultTime>
    <om:validTime>
      <gml:TimePeriod gml:id="id4">

<gml:beginPosition>2023-02-22T18:05:00Z</gml:beginPosition>
      <gml:endPosition>2023-02-22T18:06:15Z</gml:endPosition>
    </gml:TimePeriod>
    </om:validTime>
    <om:procedure>
      <metce:Process gml:id="id5">
        <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
        </metce:Process>
      </om:procedure>
    <om:parameter>
      <om:NamedValue>
        <om:name xlink:title="origin_id"/>
        <om:value>KZME</om:value>
      </om:NamedValue>
    </om:parameter>
    <om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
      <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
          <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
          <gml:location>
            <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
              <gml:pos>34.7333 -92.2333 79.0</gml:pos>
            </gml:Point>
          </gml:location>
          <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
          </saf:Aerodrome>
        </om:featureOfInterest>
      </om:result>
      <iwxxm:MeteorologicalAerodromeObservation
cloudAndVisibilityOK="false" gml:id="id8">
        <gml:name>
http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
uom="Cel">22.0</iwxxm:airTemperature>
        <iwxxm:dewpointTemperature
uom="Cel">21.0</iwxxm:dewpointTemperature>
        <iwxxm:qnh uom="hPa">1022.01</iwxxm:qnh>

```

```

        <iwxxm:surfaceWind>
          <iwxxm:AerodromeSurfaceWind
variableWindDirection="false">
            <iwxxm:meanWindDirection
uom="deg">350.0</iwxxm:meanWindDirection>
            <iwxxm:meanWindSpeed
uom="[kn_i]">7.0</iwxxm:meanWindSpeed>
            <iwxxm:windGustSpeed
uom="[kn_i]">0.0</iwxxm:windGustSpeed>
          </iwxxm:AerodromeSurfaceWind>
        </iwxxm:surfaceWind>
        <iwxxm:visibility>
          <iwxxm:AerodromeHorizontalVisibility>
            <iwxxm:prevailingVisibility
uom="[mi_i]">8.00</iwxxm:prevailingVisibility>
          </iwxxm:AerodromeHorizontalVisibility>
        </iwxxm:visibility>
        <iwxxm:cloud>
          <iwxxm:AerodromeCloud>
            <iwxxm:layer>
              <iwxxm:CloudLayer>
                <iwxxm:amount
xlink:href="http://codes.wmo.int/bufr4/codeflag/0-20-008/2"
xlink:title="SCT"/>
                <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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            <iwxxm:layer>
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xlink:title="BKN"/>
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            <iwxxm-us:seaLevelPressure
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            <iwxxm-us:processedQuantity>
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us:valuePeriod>

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ance/DISTANT"/>
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                <iwxxm-us:extremeCWDDirection
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    <faawx:variableCeiling>
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</om:result>
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<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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    <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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        </om:validTime>
        <om:procedure>
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            <gml:descriptionReference
xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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          </om:parameter>
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property/MeteorologicalAerodromeObservation"/>
          <om:featureOfInterest>
            <saf:Aerodrome gml:id="id6">
              <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
              <gml:location>
                <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">

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        <gml:pos>34.7333 -92.2333 79.0</gml:pos>
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e>
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kind/totalPrecipitation"/>
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          <iwxxm-us:valuePeriod>PT1H</iwxxm-
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SMALL_HAIL_ICE_PELLETS</faawx:parameter>
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<?xml version="1.0" encoding="UTF-8"?>
<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T180830">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
OMO-20230222T180830</gml:identifier>
  <gml:name>OMO</gml:name>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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US</gml:description>
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        <gml:Point gml:id="id7"
srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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        </gml:Point>
      </gml:location>
      <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
      </saf:Aerodrome>
    </om:featureOfInterest>
    <om:result>
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        <iwxxm:dewpointTemperature
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                                    <iwxxm-us:extremeCWDDirection
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                                            </iwxxm-us:sector>
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Weather Observations and Reports"/>
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<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    xmlns:gml="http://www.opengis.net/gml/3.2"
    xmlns:metce="http://def.wmo.int/metce/2013"

```

```

    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
    gml:id="OMO-KLIT-20230222T181020">
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          <om:phenomenonTime>
            <gml:TimePeriod gml:id="id2">

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            </gml:TimePeriod>
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
                </metce:Process>
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                </om:NamedValue>
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property/MeteorologicalAerodromeObservation"/>
                <om:featureOfInterest>
                  <saf:Aerodrome gml:id="id6">
                    <gml:description>Federal ASOS station KLIT AR,
US</gml:description>
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```



```

axisLabels="latitude longitude altitude" uomLabels="deg deg
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    </gml:location>
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KLIT</saf:locationIndicatorICAO>
    </saf:Aerodrome>
    </om:featureOfInterest>
    <om:result>
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e>
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                <iwxxm:dewpointTemperature
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                    </iwxxm:AerodromeHorizontalVisibility>
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                            <iwxxm:CloudLayer>
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xlink:title="SCT"/>
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                        <iwxxm:layer>
                            <iwxxm:CloudLayer>
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xlink:title="BKN"/>

```

```

        <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
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emType/AUTOMATED_WITH_PRESENT_WEATHER"/>
        <iwxxm-us:seaLevelPressure
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kind/totalPrecipitation"/>
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                <iwxxm-us:valuePeriod>PT1H</iwxxm-
us:valuePeriod>
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ance/DISTANT"/>
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                                            <iwxxm-us:Sector>
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```

```

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    </faawx:lightning>
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S]]></faawx:automatedRemarks>

```

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  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
  gml:id="OMO-KLIT-20230222T181110">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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  <gml:name>OMO</gml:name>
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          <gml:TimePeriod gml:id="id4">

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Weather Observations and Reports"/>

```



```

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    </om:parameter>
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property/MeteorologicalAerodromeObservation"/>
        <om:featureOfInterest>
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US</gml:description>
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axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
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                </gml:location>
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KLIT</saf:locationIndicatorICAO>
                </saf:Aerodrome>
            </om:featureOfInterest>
            <om:result>
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e>
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                            <iwxxm:windGustSpeed
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                    </iwxxm:surfaceWind>
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    <iwxxm:layer>
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        <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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    <iwxxm:layer>
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xlink:title="BKN"/>
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      </iwxxm:CloudLayer>
    </iwxxm:layer>
  </iwxxm:AerodromeCloud>
</iwxxm:cloud>
<iwxxm:extension>
  <faawx:OmoExtension>
    <iwxxm-us:observingSystemType
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    <iwxxm-us:seaLevelPressure
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    <iwxxm-us:processedQuantity>
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ance/DISTANT"/>
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                    <iwxxm-us:Sector>
                        <iwxxm-us:extremeCCWDDirection
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                        <iwxxm-us:extremeCWDDirection
uom="deg">157.5</iwxxm-us:extremeCWDDirection>
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                </iwxxm-us:sector>
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ance/DISTANT"/>
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  xmlns:iwxxm="http://icao.int/iwxxm/3.0"
  xmlns:faawx="http://www.faa.gov/wx/3.0"
  xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
  xmlns:saf="http://icao.int/saf/1.0"
  xmlns:om="http://www.opengis.net/om/2.0"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  xmlns:gml="http://www.opengis.net/gml/3.2"
  xmlns:metce="http://def.wmo.int/metce/2013"
  xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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OMO-20230222T181210</gml:identifier>
  <gml:name>OMO</gml:name>
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xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
        </metce:Process>
    </om:procedure>
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        <om:value>KZME</om:value>
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</om:parameter>
<om:observedProperty
xlink:href="http://codes.wmo.int/49-2/observable-
property/MeteorologicalAerodromeObservation"/>
    <om:featureOfInterest>
        <saf:Aerodrome gml:id="id6">
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US</gml:description>
            <gml:location>
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srsName="urn:ogc:def:crs:EPSG::4979" srsDimension="3"
axisLabels="latitude longitude altitude" uomLabels="deg deg
m_amsl">
                    <gml:pos>34.7333 -92.2333 79.0</gml:pos>
                </gml:Point>
            </gml:location>
            <saf:locationIndicatorICAO>
KLIT</saf:locationIndicatorICAO>
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    </om:featureOfInterest>
<om:result>
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e>
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```

```

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  <iwxxm:meanWindDirection
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</iwxxm:surfaceWind>
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  </iwxxm:AerodromeHorizontalVisibility>
</iwxxm:visibility>
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xlink:title="SCT"/>
        <iwxxm:base uom="[ft_i]">4700.0</iwxxm:base>
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    </iwxxm:layer>
    <iwxxm:layer>
      <iwxxm:CloudLayer>
        <iwxxm:amount
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xlink:title="BKN"/>
        <iwxxm:base uom="[ft_i]">5500.0</iwxxm:base>
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    </iwxxm:layer>
  </iwxxm:AerodromeCloud>
</iwxxm:cloud>
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  <faawx:OmoExtension>
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    <iwxxm-us:seaLevelPressure
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      <iwxxm-us:ProcessedProperty>
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xlink:href="http://codes.wmo.int/common/quantity-

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kind/totalPrecipitation"/>
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    <faawx:siteID>KLIT</faawx:siteID>
    <faawx:stationType>ASOS</faawx:stationType>
    <faawx:isFederal>true</faawx:isFederal>
    <faawx:manufacturer></faawx:manufacturer>
    <faawx:hardware></faawx:hardware>

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<faawx:OMO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:iwxxm="http://icao.int/iwxxm/3.0"
    xmlns:faawx="http://www.faa.gov/wx/3.0"
    xmlns:iwxxm-us="http://www.weather.gov/iwxxm-us/3.0"
    xmlns:saf="http://icao.int/saf/1.0"
    xmlns:om="http://www.opengis.net/om/2.0"
    xmlns:xlink="http://www.w3.org/1999/xlink"

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xmlns:gml="http://www.opengis.net/gml/3.2"
xmlns:metce="http://def.wmo.int/metce/2013"
xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
gml:id="OMO-KLIT-20230222T181320">
  <gml:identifier codeSpace="urn:fdc:faa.gov:objId:NWP">
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  <gml:name>OMO</gml:name>
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xlink:href="http://www.ofcm.gov/publications/fmh/FMH1/FMH1.pdf"
xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
          </metce:Process>
        </om:procedure>
        <om:parameter>
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            <om:value>KZME</om:value>
          </om:NamedValue>
        </om:parameter>
        <om:observedProperty
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property/MeteorologicalAerodromeObservation"/>
        <om:featureOfInterest>
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US</gml:description>
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axisLabels="latitude longitude altitude" uomLabels="deg deg
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        </gml:Point>
        </gml:location>
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KLIT</saf:locationIndicatorICAO>
        </saf:Aerodrome>
        </om:featureOfInterest>
        <om:result>
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http://www.faa.gov/ontology/wx/1.0/csswxProducts.owl#OMO</gml:nam
e>
        <iwxxm:airTemperature
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        <iwxxm:dewpointTemperature
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xlink:title="SCT"/>
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        <iwxxm-us:processedWeatherElement
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kind/totalPrecipitation"/>
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    xmlns:saf="http://icao.int/saf/1.0"
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    xmlns:gml="http://www.opengis.net/gml/3.2"
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    xmlns:aixm="http://www.aixm.aero/schema/5.1.1"
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xlink:title="Federal Meteorological Handbook No. 1 - Surface
Weather Observations and Reports"/>
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US</gml:description>
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xmlns:metce="http://def.wmo.int/metce/2013"
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Weather Observations and Reports"/>
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