

```

<swe2:DataRecord>
  <swe2:field name="stations">
    <swe2:DataRecord>
      <swe2:field name="wmo_489">
        <swe2:DataRecord id="wmo_489"
          [ STATION 1 DATA ]
          <swe2:field name="sensors">
            <swe2:DataRecord>
              <swe2:field name="wmo_489_sensor1">
                <swe2:DataRecord id="wmo_489_sensor1"
                  [ STATION 1/SENSOR 1 DATA ]
                </swe2:DataRecord id="wmo_489_sensor1"
              </swe2:field name="wmo_489_sensor1">
            </swe2:DataRecord>
          </swe2:field name="sensors">
        </swe2:DataRecord id="wmo_489"
      </swe2:field name="wmo_489">
    </swe2:DataRecord>
  </swe2:field>
  <swe2:field name="wmo_523">
    <swe2:DataRecord id="wmo_523"
      [ STATION N DATA ]
      <swe2:field name="sensors">
        <swe2:DataRecord>
          <swe2:field name="wmo_523_sensor1">
            <swe2:DataRecord id="wmo_523_sensor1"
              [ STATION N/SENSOR 1 DATA ]
            </swe2:DataRecord id="wmo_523_sensor1"
          </swe2:field name="wmo_523_sensor1">
        </swe2:DataRecord>
      <swe2:field name="wmo_523_sensorY">
        <swe2:DataRecord id="wmo_523_sensorY"
          [ STATION N/SENSOR Y DATA ]
        </swe2:DataRecord id="wmo_523_sensorY"
      </swe2:field name="wmo_523_sensorY">
    </swe2:DataRecord>
  </swe2:field name="sensors">
</swe2:DataRecord id="wmo_523"
</swe2:field name="wmo_523">
</swe2:DataRecord>
</swe2:field>
</swe2:DataRecord>

```

Diagram illustrating the XML structure for station data. The structure is organized into two main sections: STATION 1 and STATION N.

**STATION 1:** This section is associated with the field `wmo_489`. It contains a `[ STATION 1 DATA ]` block, which is a `<swe2:DataRecord id="wmo_489">` element. Inside this record, there is a `<swe2:field name="sensors">` element. This field contains multiple `<swe2:DataRecord>` elements, each representing a sensor. For example, the first sensor is `<swe2:DataRecord id="wmo_489_sensor1">`, which contains a `[ STATION 1/SENSOR 1 DATA ]` block. Other sensors like `<swe2:DataRecord id="wmo_489_sensorX">` are also shown. The label "ALL SENSORS FOR STATION 1" groups these sensor records.

**STATION N:** This section is associated with the field `wmo_523`. It contains a `[ STATION N DATA ]` block, which is a `<swe2:DataRecord id="wmo_523">` element. Inside this record, there is a `<swe2:field name="sensors">` element. This field contains multiple `<swe2:DataRecord>` elements, each representing a sensor. For example, the first sensor is `<swe2:DataRecord id="wmo_523_sensor1">`, which contains a `[ STATION N/SENSOR 1 DATA ]` block. Another sensor is `<swe2:DataRecord id="wmo_523_sensorY">`, which contains a `[ STATION N/SENSOR Y DATA ]` block. The label "ALL SENSORS FOR STATION N" groups these sensor records.