

Atlas atlas-3hyy1a-shard-0 [primary] test> show dbs;

```
sample_airbnb    54.5 MB
sample_analytics 9.58 MB
sample_geospatial 1.43 MB
sample_guides    41 kB
sample_mflix     51.5 MB
sample_restaurants 6.91 MB
sample_supplies  1.17 MB
sample_training  57.2 MB
sample_weatherdata 2.88 MB
admin            340 kB
local            1.39 GB
```

Atlas atlas-3hyy1a-shard-0 [primary] test> use sample_weatherdata;

switched to db sample_weatherdata

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> show collections;

data

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find();

```
[
  {
    _id: ObjectId("5553a998e4b02cf7151190b8"),
    st: 'x+47600-047900',
    ts: ISODate("1984-03-05T13:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -47.9, 47.6 ] },
    elevation: 9999,
    callLetters: 'VCSZ',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: -3.1, quality: '1' },
    dewPoint: { value: 999.9, quality: '9' },
    pressure: { value: 1015.3, quality: '1' },
    wind: {
      direction: { angle: 999, quality: '9' },
      type: '9',
      speed: { rate: 999.9, quality: '9' }
    },
    visibility: {
      distance: { value: 999999, quality: '9' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: {
      ceilingHeight: { value: 99999, quality: '9', determination: '9' },
      cavok: 'N'
    },
    sections: [ 'AG1' ],
    precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 }
  },
  {
    _id: ObjectId("5553a998e4b02cf7151190b9"),
    st: 'x+45200-066500',
    ts: ISODate("1984-03-05T14:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -66.5, 45.2 ] },
    elevation: 9999,
    callLetters: 'VC81',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
```

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airTemperature: { value: -4.7, quality: '1' },
dewPoint: { value: 999.9, quality: '9' },
pressure: { value: 1025.9, quality: '1' },
wind: {
  direction: { angle: 999, quality: '9' },
  type: '9',
  speed: { rate: 999.9, quality: '9' }
},
visibility: {
  distance: { value: 999999, quality: '9' },
  variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 99999, quality: '9', determination: '9' },
  cavok: 'N'
},
sections: [ 'AG1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 }
},
{
  _id: ObjectId("5553a998e4b02cf7151190ba"),
  st: 'x+51900+003600',
  ts: ISODate("1984-03-05T14:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.6, 51.9 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 4.4, quality: '1' },
  dewPoint: { value: 3.5, quality: '1' },
  pressure: { value: 1030.8, quality: '1' },
  wind: {
    direction: { angle: 200, quality: '1' },
    type: 'N',
    speed: { rate: 1, quality: '1' }
  },
  visibility: {
    distance: { value: 999999, quality: '9' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'MD1', 'OA1', 'SA1', 'UA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 0.9, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  seaSurfaceTemperature: { value: 4.5, quality: '9' },
  waveMeasurement: {
    method: 'I',
    waves: { period: 4, height: 0.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
}

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    }
  },
  {
    _id: ObjectId("5553a998e4b02cf7151190bb"),
    st: 'x+60900-005300',
    ts: ISODate("1984-03-05T15:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -5.3, 60.9 ] },
    elevation: 9999,
    callLetters: 'TFRB',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: 7.5, quality: '1' },
    dewPoint: { value: 999.9, quality: '9' },
    pressure: { value: 1018.5, quality: '1' },
    wind: {
      direction: { angle: 220, quality: '1' },
      type: 'N',
      speed: { rate: 12.3, quality: '1' }
    },
    visibility: {
      distance: { value: 4000, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: {
      ceilingHeight: { value: 99999, quality: '9', determination: '9' },
      cavok: 'N'
    },
    sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
    precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
    pastWeatherObservationManual: [
      {
        atmosphericCondition: { value: '0', quality: '1' },
        period: { value: 3, quality: '1' }
      }
    ],
    skyConditionObservation: {
      totalCoverage: { value: '08', opaque: '99', quality: '1' },
      lowestCloudCoverage: { value: '99', quality: '9' },
      lowCloudGenus: { value: '99', quality: '9' },
      lowestCloudBaseHeight: { value: 99999, quality: '9' },
      midCloudGenus: { value: '99', quality: '9' },
      highCloudGenus: { value: '99', quality: '9' }
    },
    presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
  },
  {
    _id: ObjectId("5553a998e4b02cf7151190bc"),
    st: 'x+66300-025200',
    ts: ISODate("1984-03-05T15:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -25.2, 66.3 ] },
    elevation: 9999,
    callLetters: 'TFBY',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: 0.4, quality: '1' },

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dewPoint: { value: 999.9, quality: '9' },
pressure: { value: 1003.6, quality: '1' },
wind: {
  direction: { angle: 40, quality: '1' },
  type: 'N',
  speed: { rate: 6.7, quality: '1' }
},
visibility: {
  distance: { value: 20000, quality: '1' },
  variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 7500, quality: '1', determination: 'C' },
  cavok: 'N'
},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '05', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '02', quality: '1' },
  lowCloudGenus: { value: '00', quality: '1' },
  lowestCloudBaseHeight: { value: 1750, quality: '1' },
  midCloudGenus: { value: '07', quality: '1' },
  highCloudGenus: { value: '02', quality: '1' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190bd"),
  st: 'x+59800-029700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -29.7, 59.8 ] },
  elevation: 9999,
  callLetters: 'TFWB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 3.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1019, quality: '1' },
  wind: {
    direction: { angle: 250, quality: '1' },
    type: 'N',
    speed: { rate: 15.4, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },

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    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '07', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '07', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190be"),
  st: 'x+79800-172000',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -172, 79.8 ] },
  elevation: 9999,
  callLetters: 'EMIO',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -26.7, quality: '1' },
  dewPoint: { value: -29.8, quality: '1' },
  pressure: { value: 1016.6, quality: '1' },
  wind: {
    direction: { angle: 210, quality: '1' },
    type: 'N',
    speed: { rate: 10, quality: '1' }
  },
  visibility: {
    distance: { value: 2100, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 2100, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MA1', 'MD1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
  pastWeatherObservationManual: [
    {
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      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },

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    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 2250, quality: '1' },
    midCloudGenus: { value: '01', quality: '1' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureObservation: {
    altimeterSetting: { value: 9999.9, quality: '9' },
    stationPressure: { value: 1016.6, quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '7', quality: '1' },
    quantity3Hours: { value: 0.7, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '71', quality: '1' } ]
},
{
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  position: { type: 'Point', coordinates: [ -55.9, 49.7 ] },
  elevation: 9999,
  callLetters: 'SCGB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -5.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1020.8, quality: '1' },
  wind: {
    direction: { angle: 100, quality: '1' },
    type: 'N',
    speed: { rate: 3.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MD1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '01', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '01', quality: '1' },
    lowCloudGenus: { value: '01', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  }
}

```

```

},
atmosphericPressureChange: {
  tendency: { code: '8', quality: '1' },
  quantity3Hours: { value: 0.5, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
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  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 1.5, 59.5 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 6.3, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1026.1, quality: '1' },
  wind: {
    direction: { angle: 280, quality: '1' },
    type: 'N',
    speed: { rate: 9.3, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1', 'OA1', 'UA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '07', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '99', quality: '9' },
    lowestCloudBaseHeight: { value: 1250, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  waveMeasurement: {
    method: 'M',
    waves: { period: 99, height: 2.5, quality: '9' },
    seaState: { code: '00', quality: '9' }
  }
},

```

```

{
  _id: ObjectId("5553a998e4b02cf7151190c1"),
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  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 4.8, 55.6 ] },
  elevation: 9999,
  callLetters: 'OWXP',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 6.6, quality: '1' },
  dewPoint: { value: 4.4, quality: '1' },
  pressure: { value: 1033.4, quality: '1' },
  wind: {
    direction: { angle: 320, quality: '1' },
    type: 'N',
    speed: { rate: 6.2, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '1', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '04', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '00', quality: '1' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '08', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.3, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '01', quality: '1' } ],
  seaSurfaceTemperature: { value: 3.5, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 2, height: 0.5, quality: '9' },

```



```

    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c2"),
  st: 'x+68400+011800',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 11.8, 68.4 ] },
  elevation: 9999,
  callLetters: 'LAQU',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 2, quality: '1' },
  dewPoint: { value: -2, quality: '1' },
  pressure: { value: 999.3, quality: '1' },
  wind: {
    direction: { angle: 280, quality: '1' },
    type: 'N',
    speed: { rate: 12.3, quality: '1' }
  },
  visibility: {
    distance: { value: 4000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 420, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 2 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '09', quality: '1' },
    lowestCloudBaseHeight: { value: 450, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.3, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '26', quality: '1' } ],
  seaSurfaceTemperature: { value: 6, quality: '9' },

```

```

waveMeasurement: {
  method: 'M',
  waves: { period: 6, height: 3.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190c3"),
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  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 2.1, 56.5 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 7.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1028.2, quality: '1' },
  wind: {
    direction: { angle: 320, quality: '1' },
    type: 'N',
    speed: { rate: 4.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'OA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '00', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '00', quality: '1' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 0.4, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  }
}

```

```

},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
waveMeasurement: {
  method: 'M',
  waves: { period: 5, height: 0.5, quality: '9' },
  seaState: { code: '00', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190c4"),
  st: 'x+47600-000700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -0.7, 47.6 ] },
  elevation: 9999,
  callLetters: 'FNUI',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 999.9, quality: '9' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1032.6, quality: '1' },
  wind: {
    direction: { angle: 60, quality: '1' },
    type: 'N',
    speed: { rate: 7.2, quality: '1' }
  },
  visibility: {
    distance: { value: 50000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '01', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 450, quality: '1' },
    midCloudGenus: { value: '04', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '4', quality: '1' },

```

```

    quantity3Hours: { value: 0, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '01', quality: '1' } ],
  seaSurfaceTemperature: { value: 12.7, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 2, height: 1.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c5"),
  st: 'x+43700-059700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -59.7, 43.7 ] },
  elevation: 9999,
  callLetters: 'VCNP',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -4.5, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1024.6, quality: '1' },
  wind: {
    direction: { angle: 340, quality: '1' },
    type: 'N',
    speed: { rate: 11.3, quality: '1' }
  },
  visibility: {
    distance: { value: 2000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 900, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '08', quality: '1' },
    lowestCloudBaseHeight: { value: 450, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  }
}

```

```

},
atmosphericPressureChange: {
  tendency: { code: '1', quality: '1' },
  quantity3Hours: { value: 0.8, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '85', quality: '1' } ],
seaSurfaceTemperature: { value: 1, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 5, height: 1, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190c6"),
  st: 'x-39600+173400',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 173.4, -39.6 ] },
  elevation: 9999,
  callLetters: 'SINL',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 17.2, quality: '1' },
  dewPoint: { value: 16.5, quality: '1' },
  pressure: { value: 1009.1, quality: '1' },
  wind: {
    direction: { angle: 110, quality: '1' },
    type: 'N',
    speed: { rate: 2.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '0', estimatedWaterDepth: 999 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '6', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '99', quality: '9' },

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    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '8', quality: '1' },
    quantity3Hours: { value: 0.5, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '15', quality: '1' } ],
  seaSurfaceTemperature: { value: 19, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 0, height: 0, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c7"),
  st: 'x+67400+010500',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 10.5, 67.4 ] },
  elevation: 9999,
  callLetters: 'UUQR',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 0.9, quality: '1' },
  dewPoint: { value: -4.3, quality: '1' },
  pressure: { value: 1002.8, quality: '1' },
  wind: {
    direction: { angle: 260, quality: '1' },
    type: 'N',
    speed: { rate: 11, quality: '1' }
  },
  visibility: {
    distance: { value: 200, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 30, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GA1', 'GF1',
    'MD1', 'MW1',
    'SA1', 'UA1',
    'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 2 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],

```

```

skyCoverLayer: [
  {
    coverage: { value: '09', quality: '1' },
    baseHeight: { value: 99999, quality: '9' },
    cloudType: { value: '99', quality: '9' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '09', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '09', quality: '1' },
  lowCloudGenus: { value: '09', quality: '1' },
  lowestCloudBaseHeight: { value: 250, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '2', quality: '1' },
  quantity3Hours: { value: 2.5, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '26', quality: '1' } ],
seaSurfaceTemperature: { value: 8.9, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 5, height: 2, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190c8"),
  st: 'x+53200+003200',
  ts: ISODate("1984-03-05T16:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.2, 53.2 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 5.4, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1032.9, quality: '1' },
  wind: {
    direction: { angle: 20, quality: '1' },
    type: 'N',
    speed: { rate: 1.5, quality: '1' }
  },
  visibility: {
    distance: { value: 999999, quality: '9' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'MD1', 'OA1', 'UA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 },
  atmosphericPressureChange: {

```

```

    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.2, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  waveMeasurement: {
    method: 'I',
    waves: { period: 5, height: 0.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c9"),
  st: 'x+51900+003200',
  ts: ISODate("1984-03-05T17:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.2, 51.9 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 4.8, quality: '1' },
  dewPoint: { value: 4.6, quality: '1' },
  pressure: { value: 1032.6, quality: '1' },
  wind: {
    direction: { angle: 170, quality: '1' },
    type: 'N',
    speed: { rate: 0.5, quality: '1' }
  },
  visibility: {
    distance: { value: 999999, quality: '9' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'MD1', 'OA1', 'SA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.2, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  seaSurfaceTemperature: { value: 5.5, quality: '9' }
},
{
  _id: ObjectId("5553a998e4b02cf7151190ca"),
  st: 'x+21100+116200',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 116.2, 21.1 ] },
  elevation: 9999,
  callLetters: 'UYOK',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 17, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },

```



```

pressure: { value: 1017.2, quality: '1' },
wind: {
  direction: { angle: 40, quality: '1' },
  type: 'N',
  speed: { rate: 10, quality: '1' }
},
visibility: {
  distance: { value: 20000, quality: '1' },
  variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
  cavok: 'N'
},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '00', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '00', quality: '1' },
  lowCloudGenus: { value: '00', quality: '1' },
  lowestCloudBaseHeight: { value: 99999, quality: '9' },
  midCloudGenus: { value: '00', quality: '1' },
  highCloudGenus: { value: '00', quality: '1' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190cb"),
  st: 'x+43400-065600',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -65.6, 43.4 ] },
  elevation: 9999,
  callLetters: 'CG26',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 999.9, quality: '9' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 9999.9, quality: '9' },
  wind: {
    direction: { angle: 270, quality: '1' },
    type: 'N',
    speed: { rate: 7.7, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  }
}

```

```

},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '04', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '99', quality: '9' },
  lowCloudGenus: { value: '99', quality: '9' },
  lowestCloudBaseHeight: { value: 99999, quality: '9' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
}
]

```

Type "it" for more

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find().pretty();

```

[
  {
    _id: ObjectId("5553a998e4b02cf7151190b8"),
    st: 'x+47600-047900',
    ts: ISODate("1984-03-05T13:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -47.9, 47.6 ] },
    elevation: 9999,
    callLetters: 'VCSZ',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: -3.1, quality: '1' },
    dewPoint: { value: 999.9, quality: '9' },
    pressure: { value: 1015.3, quality: '1' },
    wind: {
      direction: { angle: 999, quality: '9' },
      type: '9',
      speed: { rate: 999.9, quality: '9' }
    },
    visibility: {
      distance: { value: 999999, quality: '9' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: {
      ceilingHeight: { value: 99999, quality: '9', determination: '9' },
      cavok: 'N'
    },
    sections: [ 'AG1' ],
    precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 }
  },
  {
    _id: ObjectId("5553a998e4b02cf7151190b9"),
    st: 'x+45200-066500',
    ts: ISODate("1984-03-05T14:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -66.5, 45.2 ] },

```

```

elevation: 9999,
callLetters: 'VC81',
qualityControlProcess: 'V020',
dataSource: '4',
type: 'FM-13',
airTemperature: { value: -4.7, quality: '1' },
dewPoint: { value: 999.9, quality: '9' },
pressure: { value: 1025.9, quality: '1' },
wind: {
  direction: { angle: 999, quality: '9' },
  type: '9',
  speed: { rate: 999.9, quality: '9' }
},
visibility: {
  distance: { value: 999999, quality: '9' },
  variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 99999, quality: '9', determination: '9' },
  cavok: 'N'
},
sections: [ 'AG1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 }
},
{
  _id: ObjectId("5553a998e4b02cf7151190ba"),
  st: 'x+51900+003600',
  ts: ISODate("1984-03-05T14:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.6, 51.9 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 4.4, quality: '1' },
  dewPoint: { value: 3.5, quality: '1' },
  pressure: { value: 1030.8, quality: '1' },
  wind: {
    direction: { angle: 200, quality: '1' },
    type: 'N',
    speed: { rate: 1, quality: '1' }
  },
  visibility: {
    distance: { value: 999999, quality: '9' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'MD1', 'OA1', 'SA1', 'UA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 0.9, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
}

```

```

seaSurfaceTemperature: { value: 4.5, quality: '9' },
waveMeasurement: {
  method: 'I',
  waves: { period: 4, height: 0.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190bb"),
  st: 'x+60900-005300',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -5.3, 60.9 ] },
  elevation: 9999,
  callLetters: 'TFRB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 7.5, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1018.5, quality: '1' },
  wind: {
    direction: { angle: 220, quality: '1' },
    type: 'N',
    speed: { rate: 12.3, quality: '1' }
  },
  visibility: {
    distance: { value: 4000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '99', quality: '9' },
    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190bc"),
  st: 'x+66300-025200',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -25.2, 66.3 ] },
  elevation: 9999,

```

```

callLetters: 'TFBY',
qualityControlProcess: 'V020',
dataSource: '4',
type: 'FM-13',
airTemperature: { value: 0.4, quality: '1' },
dewPoint: { value: 999.9, quality: '9' },
pressure: { value: 1003.6, quality: '1' },
wind: {
  direction: { angle: 40, quality: '1' },
  type: 'N',
  speed: { rate: 6.7, quality: '1' }
},
visibility: {
  distance: { value: 20000, quality: '1' },
  variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 7500, quality: '1', determination: 'C' },
  cavok: 'N'
},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '05', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '02', quality: '1' },
  lowCloudGenus: { value: '00', quality: '1' },
  lowestCloudBaseHeight: { value: 1750, quality: '1' },
  midCloudGenus: { value: '07', quality: '1' },
  highCloudGenus: { value: '02', quality: '1' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
{
  _id: ObjectId("5553a998e4b02cf7151190bd"),
  st: 'x+59800-029700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -29.7, 59.8 ] },
  elevation: 9999,
  callLetters: 'TFWB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 3.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1019, quality: '1' },
  wind: {
    direction: { angle: 250, quality: '1' },
    type: 'N',
    speed: { rate: 15.4, quality: '1' }
  },
  visibility: {

```

```

distance: { value: 10000, quality: '1' },
variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 750, quality: '1', determination: 'C' },
  cavok: 'N'
},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '07', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '07', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '00', quality: '1' },
  highCloudGenus: { value: '00', quality: '1' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190be"),
  st: 'x+79800-172000',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -172, 79.8 ] },
  elevation: 9999,
  callLetters: 'EMIO',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -26.7, quality: '1' },
  dewPoint: { value: -29.8, quality: '1' },
  pressure: { value: 1016.6, quality: '1' },
  wind: {
    direction: { angle: 210, quality: '1' },
    type: 'N',
    speed: { rate: 10, quality: '1' }
  },
  visibility: {
    distance: { value: 2100, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 2100, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MA1', 'MD1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '7', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ]
}

```

```

    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 2250, quality: '1' },
    midCloudGenus: { value: '01', quality: '1' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureObservation: {
    altimeterSetting: { value: 9999.9, quality: '9' },
    stationPressure: { value: 1016.6, quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '7', quality: '1' },
    quantity3Hours: { value: 0.7, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '71', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190bf"),
  st: 'x+49700-055900',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -55.9, 49.7 ] },
  elevation: 9999,
  callLetters: 'SCGB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -5.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1020.8, quality: '1' },
  wind: {
    direction: { angle: 100, quality: '1' },
    type: 'N',
    speed: { rate: 3.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MD1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '01', opaque: '99', quality: '1' },

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    lowestCloudCoverage: { value: '01', quality: '1' },
    lowCloudGenus: { value: '01', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '8', quality: '1' },
    quantity3Hours: { value: 0.5, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190c0"),
  st: 'x+59500+001500',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 1.5, 59.5 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 6.3, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1026.1, quality: '1' },
  wind: {
    direction: { angle: 280, quality: '1' },
    type: 'N',
    speed: { rate: 9.3, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1', 'OA1', 'UA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '07', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '99', quality: '9' },
    lowestCloudBaseHeight: { value: 1250, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  waveMeasurement: {

```



```

    method: 'M',
    waves: { period: 99, height: 2.5, quality: '9' },
    seaState: { code: '00', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c1"),
  st: 'x+55600+004800',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 4.8, 55.6 ] },
  elevation: 9999,
  callLetters: 'OWXP',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 6.6, quality: '1' },
  dewPoint: { value: 4.4, quality: '1' },
  pressure: { value: 1033.4, quality: '1' },
  wind: {
    direction: { angle: 320, quality: '1' },
    type: 'N',
    speed: { rate: 6.2, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '1', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '04', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '00', quality: '1' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '08', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.3, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
}

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presentWeatherObservationManual: [ { condition: '01', quality: '1' } ],
seaSurfaceTemperature: { value: 3.5, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 2, height: 0.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190c2"),
  st: 'x+68400+011800',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 11.8, 68.4 ] },
  elevation: 9999,
  callLetters: 'LAQU',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 2, quality: '1' },
  dewPoint: { value: -2, quality: '1' },
  pressure: { value: 999.3, quality: '1' },
  wind: {
    direction: { angle: 280, quality: '1' },
    type: 'N',
    speed: { rate: 12.3, quality: '1' }
  },
  visibility: {
    distance: { value: 4000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 420, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 2 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '09', quality: '1' },
    lowestCloudBaseHeight: { value: 450, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },

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    quantity3Hours: { value: 1.3, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '26', quality: '1' } ],
  seaSurfaceTemperature: { value: 6, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 6, height: 3.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c3"),
  st: 'x+56500+002100',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 2.1, 56.5 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 7.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1028.2, quality: '1' },
  wind: {
    direction: { angle: 320, quality: '1' },
    type: 'N',
    speed: { rate: 4.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'OA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '00', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '00', quality: '1' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  }
}

```

```

},
atmosphericPressureChange: {
  tendency: { code: '2', quality: '1' },
  quantity3Hours: { value: 0.4, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
waveMeasurement: {
  method: 'M',
  waves: { period: 5, height: 0.5, quality: '9' },
  seaState: { code: '00', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190c4"),
  st: 'x+47600-000700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -0.7, 47.6 ] },
  elevation: 9999,
  callLetters: 'FNUJ',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 999.9, quality: '9' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1032.6, quality: '1' },
  wind: {
    direction: { angle: 60, quality: '1' },
    type: 'N',
    speed: { rate: 7.2, quality: '1' }
  },
  visibility: {
    distance: { value: 50000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '01', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '00', quality: '1' },
    lowestCloudBaseHeight: { value: 450, quality: '1' },

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    midCloudGenus: { value: '04', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '4', quality: '1' },
    quantity3Hours: { value: 0, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '01', quality: '1' } ],
  seaSurfaceTemperature: { value: 12.7, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 2, height: 1.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c5"),
  st: 'x+43700-059700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -59.7, 43.7 ] },
  elevation: 9999,
  callLetters: 'VCNP',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -4.5, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1024.6, quality: '1' },
  wind: {
    direction: { angle: 340, quality: '1' },
    type: 'N',
    speed: { rate: 11.3, quality: '1' }
  },
  visibility: {
    distance: { value: 2000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 900, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },

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    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '08', quality: '1' },
    lowestCloudBaseHeight: { value: 450, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '1', quality: '1' },
    quantity3Hours: { value: 0.8, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '85', quality: '1' } ],
  seaSurfaceTemperature: { value: 1, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 5, height: 1, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c6"),
  st: 'x-39600+173400',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 173.4, -39.6 ] },
  elevation: 9999,
  callLetters: 'SINL',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 17.2, quality: '1' },
  dewPoint: { value: 16.5, quality: '1' },
  pressure: { value: 1009.1, quality: '1' },
  wind: {
    direction: { angle: 110, quality: '1' },
    type: 'N',
    speed: { rate: 2.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '0', estimatedWaterDepth: 999 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '6', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ]
}

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```

    ],
    skyConditionObservation: {
      totalCoverage: { value: '08', opaque: '99', quality: '1' },
      lowestCloudCoverage: { value: '99', quality: '9' },
      lowCloudGenus: { value: '99', quality: '9' },
      lowestCloudBaseHeight: { value: 99999, quality: '9' },
      midCloudGenus: { value: '99', quality: '9' },
      highCloudGenus: { value: '99', quality: '9' }
    },
    atmosphericPressureChange: {
      tendency: { code: '8', quality: '1' },
      quantity3Hours: { value: 0.5, quality: '1' },
      quantity24Hours: { value: 99.9, quality: '9' }
    },
    presentWeatherObservationManual: [ { condition: '15', quality: '1' } ],
    seaSurfaceTemperature: { value: 19, quality: '9' },
    waveMeasurement: {
      method: 'M',
      waves: { period: 0, height: 0, quality: '9' },
      seaState: { code: '99', quality: '9' }
    }
  },
  {
    _id: ObjectId("5553a998e4b02cf7151190c7"),
    st: 'x+67400+010500',
    ts: ISODate("1984-03-05T15:00:00.000Z"),
    position: { type: 'Point', coordinates: [ 10.5, 67.4 ] },
    elevation: 9999,
    callLetters: 'UUQR',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: 0.9, quality: '1' },
    dewPoint: { value: -4.3, quality: '1' },
    pressure: { value: 1002.8, quality: '1' },
    wind: {
      direction: { angle: 260, quality: '1' },
      type: 'N',
      speed: { rate: 11, quality: '1' }
    },
    visibility: {
      distance: { value: 200, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: {
      ceilingHeight: { value: 30, quality: '1', determination: 'C' },
      cavok: 'N'
    },
    sections: [
      'AG1', 'AY1',
      'GA1', 'GF1',
      'MD1', 'MW1',
      'SA1', 'UA1',
      'UG1'
    ],
    precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 2 },
    pastWeatherObservationManual: [

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```

    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ],
  skyCoverLayer: [
    {
      coverage: { value: '09', quality: '1' },
      baseHeight: { value: 99999, quality: '9' },
      cloudType: { value: '99', quality: '9' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '09', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '09', quality: '1' },
    lowCloudGenus: { value: '09', quality: '1' },
    lowestCloudBaseHeight: { value: 250, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 2.5, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '26', quality: '1' } ],
  seaSurfaceTemperature: { value: 8.9, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 5, height: 2, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c8"),
  st: 'x+53200+003200',
  ts: ISODate("1984-03-05T16:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.2, 53.2 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 5.4, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1032.9, quality: '1' },
  wind: {
    direction: { angle: 20, quality: '1' },
    type: 'N',
    speed: { rate: 1.5, quality: '1' }
  },
  visibility: {
    distance: { value: 999999, quality: '9' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },

```



```

    cavok: 'N'
  },
  sections: [ 'AG1', 'MD1', 'OA1', 'UA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.2, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  waveMeasurement: {
    method: 'I',
    waves: { period: 5, height: 0.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151190c9"),
  st: 'x+51900+003200',
  ts: ISODate("1984-03-05T17:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.2, 51.9 ] },
  elevation: 9999,
  callLetters: 'PLAT',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 4.8, quality: '1' },
  dewPoint: { value: 4.6, quality: '1' },
  pressure: { value: 1032.6, quality: '1' },
  wind: {
    direction: { angle: 170, quality: '1' },
    type: 'N',
    speed: { rate: 0.5, quality: '1' }
  },
  visibility: {
    distance: { value: 999999, quality: '9' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 99999, quality: '9', determination: '9' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'MD1', 'OA1', 'SA1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 999 },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1.2, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  seaSurfaceTemperature: { value: 5.5, quality: '9' }
},
{
  _id: ObjectId("5553a998e4b02cf7151190ca"),
  st: 'x+21100+116200',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 116.2, 21.1 ] },
  elevation: 9999,
  callLetters: 'UYOK',

```

```

qualityControlProcess: 'V020',
dataSource: '4',
type: 'FM-13',
airTemperature: { value: 17, quality: '1' },
dewPoint: { value: 999.9, quality: '9' },
pressure: { value: 1017.2, quality: '1' },
wind: {
  direction: { angle: 40, quality: '1' },
  type: 'N',
  speed: { rate: 10, quality: '1' }
},
visibility: {
  distance: { value: 20000, quality: '1' },
  variability: { value: 'N', quality: '9' }
},
skyCondition: {
  ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
  cavok: 'N'
},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '00', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '00', quality: '1' },
  lowCloudGenus: { value: '00', quality: '1' },
  lowestCloudBaseHeight: { value: 99999, quality: '9' },
  midCloudGenus: { value: '00', quality: '1' },
  highCloudGenus: { value: '00', quality: '1' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190cb"),
  st: 'x+43400-065600',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -65.6, 43.4 ] },
  elevation: 9999,
  callLetters: 'CG26',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 999.9, quality: '9' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 9999.9, quality: '9' },
  wind: {
    direction: { angle: 270, quality: '1' },
    type: 'N',
    speed: { rate: 7.7, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },

```

```

    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 22000, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '04', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '99', quality: '9' },
    lowCloudGenus: { value: '99', quality: '9' },
    lowestCloudBaseHeight: { value: 99999, quality: '9' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
}
]

```

Type "it" for more

```

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find().count();
(node:18451) [MONGODB DRIVER] Warning: cursor.count is deprecated and will be removed in the next major version,
please use `collection.estimatedDocumentCount` or `collection.countDocuments` instead
(Use `node --trace-warnings ...` to show where the warning was created)

```

10000

```

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find({"skyCondition.ceilingHeight.value":750}).count();
673

```

```

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find({"skyCondition.ceilingHeight.value":750}).pretty();
[

```

```

{
  _id: ObjectId("5553a998e4b02cf7151190bd"),
  st: 'x+59800-029700',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -29.7, 59.8 ] },
  elevation: 9999,
  callLetters: 'TFWB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 3.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1019, quality: '1' },
  wind: {
    direction: { angle: 250, quality: '1' },
    type: 'N',
    speed: { rate: 15.4, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
}

```

```

skyCondition: {
  ceilingHeight: { value: 750, quality: '1', determination: 'C' },
  cavok: 'N'
},
sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '07', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '07', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '00', quality: '1' },
  highCloudGenus: { value: '00', quality: '1' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf7151190ed"),
  st: 'x+35900-048600',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -48.6, 35.9 ] },
  elevation: 9999,
  callLetters: 'UTDY',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 14.8, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1008.5, quality: '1' },
  wind: {
    direction: { angle: 300, quality: '1' },
    type: 'N',
    speed: { rate: 12, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 3 },
  pastWeatherObservationManual: [
    {

```

```

    atmosphericCondition: { value: '8', quality: '1' },
    period: { value: 6, quality: '1' }
  },
],
skyConditionObservation: {
  totalCoverage: { value: '08', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '08', quality: '1' },
  lowCloudGenus: { value: '09', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '7', quality: '1' },
  quantity3Hours: { value: 2.5, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
seaSurfaceTemperature: { value: 18, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 99, height: 99.9, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190f1"),
  st: 'x+48200-037000',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -37, 48.2 ] },
  elevation: 9999,
  callLetters: '99999',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 15, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1011.4, quality: '1' },
  wind: {
    direction: { angle: 150, quality: '1' },
    type: 'N',
    speed: { rate: 17, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
},

```

```

precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '07', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '07', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '4', quality: '1' },
  quantity3Hours: { value: 0, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
seaSurfaceTemperature: { value: 13, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 8, height: 3, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151190f9"),
  st: 'x+41700-068400',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -68.4, 41.7 ] },
  elevation: 9999,
  callLetters: 'SHP',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 44.4, quality: '1' },
  dewPoint: { value: 27.8, quality: '1' },
  pressure: { value: 1024, quality: '1' },
  wind: {
    direction: { angle: 200, quality: '1' },
    type: 'N',
    speed: { rate: 3.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1', 'UA1', 'UG1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [

```

```

    {
      atmosphericCondition: { value: '1', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '05', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '05', quality: '1' },
    lowCloudGenus: { value: '02', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '06', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  presentWeatherObservationManual: [ { condition: '03', quality: '1' } ],
  waveMeasurement: {
    method: 'M',
    waves: { period: 0, height: 0, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf715119370"),
  st: 'x+22400-063100',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -63.1, 22.4 ] },
  elevation: 9999,
  callLetters: 'UVTW',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 26, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1023.4, quality: '1' },
  wind: {
    direction: { angle: 40, quality: '1' },
    type: 'N',
    speed: { rate: 15, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ]
}

```

```

    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 1, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  seaSurfaceTemperature: { value: 27, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 6, height: 1.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf715119382"),
  st: 'x+66700+010400',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 10.4, 66.7 ] },
  elevation: 9999,
  callLetters: 'UUQR',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 2.6, quality: '1' },
  dewPoint: { value: -1.2, quality: '1' },
  pressure: { value: 1005.1, quality: '1' },
  wind: {
    direction: { angle: 270, quality: '1' },
    type: 'N',
    speed: { rate: 19, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
  pastWeatherObservationManual: [

```



```

    {
      atmosphericCondition: { value: '2', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '06', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '06', quality: '1' },
    lowCloudGenus: { value: '02', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '06', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 2.3, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '15', quality: '1' } ],
  seaSurfaceTemperature: { value: 8.9, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 8, height: 3.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf715119385"),
  st: 'x-20000+012100',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 12.1, -20 ] },
  elevation: 9999,
  callLetters: 'ESVJ',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 16.5, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1010.6, quality: '1' },
  wind: {
    direction: { angle: 180, quality: '1' },
    type: 'N',
    speed: { rate: 3, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ]
}

```

```

],
precipitationEstimatedObservation: { discrepancy: '0', estimatedWaterDepth: 999 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '08', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '08', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '4', quality: '1' },
  quantity3Hours: { value: 0, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
seaSurfaceTemperature: { value: 22, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 3, height: 0.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151193f4"),
  st: 'x+44100-059600',
  ts: ISODate("1984-03-05T21:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -59.6, 44.1 ] },
  elevation: 9999,
  callLetters: 'RIGG',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -3.9, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1024.2, quality: '1' },
  wind: {
    direction: { angle: 340, quality: '1' },
    type: 'N',
    speed: { rate: 5.1, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MD1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },

```

```

pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '0', quality: '1' },
    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '06', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '06', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '00', quality: '1' },
  highCloudGenus: { value: '00', quality: '1' }
},
atmosphericPressureChange: {
  tendency: { code: '3', quality: '1' },
  quantity3Hours: { value: 2, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
{
  _id: ObjectId("5553a998e4b02cf7151193f9"),
  st: 'x+59000+003300',
  ts: ISODate("1984-03-05T21:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 3.3, 59 ] },
  elevation: 9999,
  callLetters: 'LHDO',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 6.5, quality: '1' },
  dewPoint: { value: 4, quality: '1' },
  pressure: { value: 1025.1, quality: '1' },
  wind: {
    direction: { angle: 280, quality: '1' },
    type: 'N',
    speed: { rate: 9.8, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },

```

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    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '07', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '07', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '7', quality: '1' },
  quantity3Hours: { value: 1.6, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
seaSurfaceTemperature: { value: 5.2, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 4, height: 1.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf7151195d3"),
  st: 'x+85600-124000',
  ts: ISODate("1984-03-05T15:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -124, 85.6 ] },
  elevation: 9999,
  callLetters: 'ROBB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -22.9, quality: '1' },
  dewPoint: { value: -24.9, quality: '1' },
  pressure: { value: 1000.2, quality: '1' },
  wind: {
    direction: { angle: 270, quality: '1' },
    type: 'N',
    speed: { rate: 7, quality: '1' }
  },
  visibility: {
    distance: { value: 7000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MA1', 'MD1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '7', quality: '1' },
      period: { value: 3, quality: '1' }
    }
  ]
}

```

```

    ],
    skyConditionObservation: {
      totalCoverage: { value: '08', opaque: '99', quality: '1' },
      lowestCloudCoverage: { value: '08', quality: '1' },
      lowCloudGenus: { value: '05', quality: '1' },
      lowestCloudBaseHeight: { value: 800, quality: '1' },
      midCloudGenus: { value: '99', quality: '9' },
      highCloudGenus: { value: '99', quality: '9' }
    },
    atmosphericPressureObservation: {
      altimeterSetting: { value: 9999.9, quality: '9' },
      stationPressure: { value: 1000.2, quality: '1' }
    },
    atmosphericPressureChange: {
      tendency: { code: '2', quality: '1' },
      quantity3Hours: { value: 0.7, quality: '1' },
      quantity24Hours: { value: 99.9, quality: '9' }
    },
    presentWeatherObservationManual: [ { condition: '71', quality: '1' } ]
  },
  {
    _id: ObjectId("5553a998e4b02cf7151195d8"),
    st: 'x+57900+000100',
    ts: ISODate("1984-03-05T15:00:00.000Z"),
    position: { type: 'Point', coordinates: [ 0.1, 57.9 ] },
    elevation: 9999,
    callLetters: 'PLAT',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: 7.3, quality: '1' },
    dewPoint: { value: 999.9, quality: '9' },
    pressure: { value: 1029.3, quality: '1' },
    wind: {
      direction: { angle: 230, quality: '1' },
      type: 'N',
      speed: { rate: 6.2, quality: '1' }
    },
    visibility: {
      distance: { value: 20000, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: {
      ceilingHeight: { value: 750, quality: '1', determination: 'C' },
      cavok: 'N'
    },
    sections: [
      'AG1', 'AY1',
      'GF1', 'MD1',
      'MW1', 'OA1',
      'UA1'
    ],
    precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
    pastWeatherObservationManual: [
      {
        atmosphericCondition: { value: '0', quality: '1' },
        period: { value: 3, quality: '1' }
      }
    ]
  }

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```

    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '07', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '05', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '07', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 0.2, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  waveMeasurement: {
    method: 'I',
    waves: { period: 5, height: 1.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf7151195e8"),
  st: 'x+59300-030500',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -30.5, 59.3 ] },
  elevation: 9999,
  callLetters: 'TFWB',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 3.8, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1021, quality: '1' },
  wind: {
    direction: { angle: 250, quality: '1' },
    type: 'N',
    speed: { rate: 12.3, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [ 'AG1', 'AY1', 'GF1', 'MW1' ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {

```

```

    totalCoverage: { value: '07', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '07', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ]
},
{
  _id: ObjectId("5553a998e4b02cf715119601"),
  st: 'x+33500-025100',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -25.1, 33.5 ] },
  elevation: 9999,
  callLetters: 'EWXK',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 15, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1009.5, quality: '1' },
  wind: {
    direction: { angle: 330, quality: '1' },
    type: 'N',
    speed: { rate: 8, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '06', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '06', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '00', quality: '1' },
    highCloudGenus: { value: '00', quality: '1' }
  },
  atmosphericPressureChange: {

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    tendency: { code: '4', quality: '1' },
    quantity3Hours: { value: 0, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  seaSurfaceTemperature: { value: 17, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 8, height: 2.5, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf715119608"),
  st: 'x+59500-048600',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -48.6, 59.5 ] },
  elevation: 9999,
  callLetters: 'UTDY',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 14.8, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1008.5, quality: '1' },
  wind: {
    direction: { angle: 300, quality: '1' },
    type: 'N',
    speed: { rate: 12, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 2 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '8', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '09', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },

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    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '7', quality: '1' },
    quantity3Hours: { value: 2.5, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  seaSurfaceTemperature: { value: 18, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 99, height: 99.9, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf71511960b"),
  st: 'x-15000+007500',
  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 7.5, -15 ] },
  elevation: 9999,
  callLetters: 'UJEI',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 24.5, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1015.9, quality: '1' },
  wind: {
    direction: { angle: 160, quality: '1' },
    type: 'N',
    speed: { rate: 7, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '0', estimatedWaterDepth: 999 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '6', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '07', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '07', quality: '1' },

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    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '06', quality: '1' },
    highCloudGenus: { value: '02', quality: '1' }
  },
  atmosphericPressureChange: {
    tendency: { code: '3', quality: '1' },
    quantity3Hours: { value: 0.1, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  seaSurfaceTemperature: { value: 24.9, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 99, height: 99.9, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
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  ts: ISODate("1984-03-05T18:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -84.4, -39 ] },
  elevation: 9999,
  callLetters: 'SHIP',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 16.4, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1020, quality: '1' },
  wind: {
    direction: { angle: 200, quality: '1' },
    type: 'N',
    speed: { rate: 2, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '0', estimatedWaterDepth: 999 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
}

```

```

skyConditionObservation: {
  totalCoverage: { value: '07', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '07', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '00', quality: '1' },
  highCloudGenus: { value: '00', quality: '1' }
},
atmosphericPressureChange: {
  tendency: { code: '0', quality: '1' },
  quantity3Hours: { value: 0, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
seaSurfaceTemperature: { value: 18.1, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 99, height: 0, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
},
{
  _id: ObjectId("5553a998e4b02cf715119686"),
  st: 'x+45400+150400',
  ts: ISODate("1984-03-06T00:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 150.4, 45.4 ] },
  elevation: 9999,
  callLetters: 'UKDZ',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 0.5, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1006.2, quality: '1' },
  wind: {
    direction: { angle: 290, quality: '1' },
    type: 'N',
    speed: { rate: 6, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },

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    period: { value: 6, quality: '1' }
  },
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '2', quality: '1' },
    quantity3Hours: { value: 0.3, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  seaSurfaceTemperature: { value: 2, quality: '9' },
  waveMeasurement: {
    method: 'M',
    waves: { period: 3, height: 1, quality: '9' },
    seaState: { code: '99', quality: '9' }
  }
},
{
  _id: ObjectId("5553a998e4b02cf71511968d"),
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  ts: ISODate("1984-03-06T00:00:00.000Z"),
  position: { type: 'Point', coordinates: [ -60.1, -45.3 ] },
  elevation: 9999,
  callLetters: 'EVCH',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 12.7, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1009.5, quality: '1' },
  wind: {
    direction: { angle: 30, quality: '1' },
    type: 'N',
    speed: { rate: 8, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1'
  ],
  precipitationEstimatedObservation: { discrepancy: '0', estimatedWaterDepth: 999 },

```

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pastWeatherObservationManual: [
  {
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    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '08', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '08', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '7', quality: '1' },
  quantity3Hours: { value: 2.1, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
seaSurfaceTemperature: { value: 12.2, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 2, height: 0.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
],
{
  _id: ObjectId("5553a998e4b02cf715119690"),
  st: 'x+51000+157000',
  ts: ISODate("1984-03-06T00:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 157, 51 ] },
  elevation: 9999,
  callLetters: 'UNWZ',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: -2.1, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1007.9, quality: '1' },
  wind: {
    direction: { angle: 50, quality: '1' },
    type: 'N',
    speed: { rate: 7, quality: '1' }
  },
  visibility: {
    distance: { value: 20000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',

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    'UG1'
  ],
  precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 0 },
  pastWeatherObservationManual: [
    {
      atmosphericCondition: { value: '0', quality: '1' },
      period: { value: 6, quality: '1' }
    }
  ],
  skyConditionObservation: {
    totalCoverage: { value: '08', opaque: '99', quality: '1' },
    lowestCloudCoverage: { value: '08', quality: '1' },
    lowCloudGenus: { value: '05', quality: '1' },
    lowestCloudBaseHeight: { value: 800, quality: '1' },
    midCloudGenus: { value: '99', quality: '9' },
    highCloudGenus: { value: '99', quality: '9' }
  },
  atmosphericPressureChange: {
    tendency: { code: '4', quality: '1' },
    quantity3Hours: { value: 0, quality: '1' },
    quantity24Hours: { value: 99.9, quality: '9' }
  },
  presentWeatherObservationManual: [ { condition: '02', quality: '1' } ],
  seaSurfaceTemperature: { value: -0.4, quality: '9' }
},
{
  _id: ObjectId("5553a998e4b02cf7151196a2"),
  st: 'x+05300+143500',
  ts: ISODate("1984-03-06T00:00:00.000Z"),
  position: { type: 'Point', coordinates: [ 143.5, 5.3 ] },
  elevation: 9999,
  callLetters: 'UTUI',
  qualityControlProcess: 'V020',
  dataSource: '4',
  type: 'FM-13',
  airTemperature: { value: 28.8, quality: '1' },
  dewPoint: { value: 999.9, quality: '9' },
  pressure: { value: 1011.7, quality: '1' },
  wind: {
    direction: { angle: 90, quality: '1' },
    type: 'N',
    speed: { rate: 6, quality: '1' }
  },
  visibility: {
    distance: { value: 10000, quality: '1' },
    variability: { value: 'N', quality: '9' }
  },
  skyCondition: {
    ceilingHeight: { value: 750, quality: '1', determination: 'C' },
    cavok: 'N'
  },
  sections: [
    'AG1', 'AY1',
    'GF1', 'MD1',
    'MW1', 'SA1',
    'UA1', 'UG1'
  ],
}

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precipitationEstimatedObservation: { discrepancy: '1', estimatedWaterDepth: 3 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '2', quality: '1' },
    period: { value: 6, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '08', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '06', quality: '1' },
  lowCloudGenus: { value: '06', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '02', quality: '1' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureChange: {
  tendency: { code: '2', quality: '1' },
  quantity3Hours: { value: 0.3, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '16', quality: '1' } ],
seaSurfaceTemperature: { value: 30, quality: '9' },
waveMeasurement: {
  method: 'M',
  waves: { period: 2, height: 0.5, quality: '9' },
  seaState: { code: '99', quality: '9' }
}
}
]
Type "it" for more
Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find(ObjectId("5553a998e4b02cf7151195d3")).pretty();
[
  {
    _id: ObjectId("5553a998e4b02cf7151195d3"),
    st: 'x+85600-124000',
    ts: ISODate("1984-03-05T15:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -124, 85.6 ] },
    elevation: 9999,
    callLetters: 'ROBB',
    qualityControlProcess: 'V020',
    dataSource: '4',
    type: 'FM-13',
    airTemperature: { value: -22.9, quality: '1' },
    dewPoint: { value: -24.9, quality: '1' },
    pressure: { value: 1000.2, quality: '1' },
    wind: {
      direction: { angle: 270, quality: '1' },
      type: 'N',
      speed: { rate: 7, quality: '1' }
    },
    visibility: {
      distance: { value: 7000, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: {
      ceilingHeight: { value: 750, quality: '1', determination: 'C' },
      cavok: 'N'
    }
  }
]

```

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},
sections: [ 'AG1', 'AY1', 'GF1', 'MA1', 'MD1', 'MW1' ],
precipitationEstimatedObservation: { discrepancy: '2', estimatedWaterDepth: 1 },
pastWeatherObservationManual: [
  {
    atmosphericCondition: { value: '7', quality: '1' },
    period: { value: 3, quality: '1' }
  }
],
skyConditionObservation: {
  totalCoverage: { value: '08', opaque: '99', quality: '1' },
  lowestCloudCoverage: { value: '08', quality: '1' },
  lowCloudGenus: { value: '05', quality: '1' },
  lowestCloudBaseHeight: { value: 800, quality: '1' },
  midCloudGenus: { value: '99', quality: '9' },
  highCloudGenus: { value: '99', quality: '9' }
},
atmosphericPressureObservation: {
  altimeterSetting: { value: 9999.9, quality: '9' },
  stationPressure: { value: 1000.2, quality: '1' }
},
atmosphericPressureChange: {
  tendency: { code: '2', quality: '1' },
  quantity3Hours: { value: 0.7, quality: '1' },
  quantity24Hours: { value: 99.9, quality: '9' }
},
presentWeatherObservationManual: [ { condition: '71', quality: '1' } ]
}
]
Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.insertOne({
...   "st" : "x+85600-124000",
...   "ts" : ISODate("1984-03-07T13:00:00Z"),
...   "position" : {
.....     "type" : "Point",
.....     "coordinates" : [
.....       -124,
.....       85.6
.....     ]
.....   },
...   "elevation" : 8787,
...   "callLetters" : "ROBZ",
...   "qualityControlProcess" : "V020",
...   "dataSource" : "3",
...   "type" : "FM-13",
...   "airTemperature" : {
.....     "value" : -22.9,
.....     "quality" : "1"
.....   },
...   "dewPoint" : {
.....     "value" : -24.9,
.....     "quality" : "1"
.....   },
...   "pressure" : {
.....     "value" : 1000.2,
.....     "quality" : "1"
.....   },
...   "wind" : {

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```

.....      "direction" : {
.....          "angle" : 270,
.....          "quality" : "1"
.....      },
.....      "type" : "N",
.....      "speed" : {
.....          "rate" : 7,
.....          "quality" : "1"
.....      }
.....  },
.....  "visibility" : {
.....      "distance" : {
.....          "value" : 7000,
.....          "quality" : "1"
.....      },
.....      "variability" : {
.....          "value" : "N",
.....          "quality" : "9"
.....      }
.....  },
.....  "skyCondition" : {
.....      "ceilingHeight" : {
.....          "value" : 760,
.....          "quality" : "1",
.....          "determination" : "C"
.....      }
.....  }
.....  };
{
  acknowledged: true,
  insertedId: ObjectId("62411736e12b465556581cb1")
}

```

Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata> db.data.find(ObjectId("62411736e12b465556581cb1")).pretty();

```

[
  {
    _id: ObjectId("62411736e12b465556581cb1"),
    st: 'x+85600-124000',
    ts: ISODate("1984-03-07T13:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -124, 85.6 ] },
    elevation: 8787,
    callLetters: 'ROBZ',
    qualityControlProcess: 'V020',
    dataSource: '3',
    type: 'FM-13',
    airTemperature: { value: -22.9, quality: '1' },
    dewPoint: { value: -24.9, quality: '1' },
    pressure: { value: 1000.2, quality: '1' },
    wind: {
      direction: { angle: 270, quality: '1' },
      type: 'N',
      speed: { rate: 7, quality: '1' }
    },
    visibility: {
      distance: { value: 7000, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: { ceilingHeight: { value: 760, quality: '1', determination: 'C' } }
  }
]

```

```
}  
]  
Atlas atlas-3hyy1a-shard-0 [primary] sample_weatherdata>
```