<table>
<thead>
<tr>
<th>Location</th>
<th>CARTOSIS ID (Source ID)</th>
<th>Latitude, Longitude, Depth</th>
<th>Operational period</th>
<th>Variable measured</th>
<th>Raw measurement unit</th>
<th>Data measurement unit</th>
<th>Plume</th>
<th>In rating</th>
<th>Comments/tracks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foss 1</td>
<td>S1955358</td>
<td>117.9308, 179.2741, 7m</td>
<td>2017-2019</td>
<td>wind, waves, currents, air, sea state, temperature, salinity, oxygen</td>
<td>10.0s, 10.0s, 10.0s, 25.0s, 25.0s</td>
<td>10.0s, 10.0s, 10.0s, 25.0s, 25.0s</td>
<td>Yes</td>
<td>UPMA, VM</td>
<td>ICOS</td>
</tr>
<tr>
<td>S6</td>
<td>S1955329</td>
<td>117.9308, 179.2741, 7m</td>
<td>2017-2019</td>
<td>wind, waves, currents, air, sea state, temperature, salinity, oxygen</td>
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<td>10.0s, 10.0s, 10.0s, 25.0s, 25.0s</td>
<td>Yes</td>
<td>UPMA, VM</td>
<td>ICOS</td>
</tr>
<tr>
<td>Foss 2</td>
<td>S1955364</td>
<td>117.9308, 179.2741, 7m</td>
<td>2017-2019</td>
<td>wind, waves, currents, air, sea state, temperature, salinity, oxygen</td>
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<td>Yes</td>
<td>UPMA, VM</td>
<td>ICOS</td>
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<td>S7</td>
<td>S1955335</td>
<td>117.9308, 179.2741, 7m</td>
<td>2017-2019</td>
<td>wind, waves, currents, air, sea state, temperature, salinity, oxygen</td>
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<td>Yes</td>
<td>UPMA, VM</td>
<td>ICOS</td>
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<tr>
<td>Foss 3</td>
<td>S1955359</td>
<td>117.9308, 179.2741, 7m</td>
<td>2017-2019</td>
<td>wind, waves, currents, air, sea state, temperature, salinity, oxygen</td>
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<td>Yes</td>
<td>UPMA, VM</td>
<td>ICOS</td>
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<tr>
<td>S8</td>
<td>S1955341</td>
<td>117.9308, 179.2741, 7m</td>
<td>2017-2019</td>
<td>wind, waves, currents, air, sea state, temperature, salinity, oxygen</td>
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<td>10.0s, 10.0s, 10.0s, 25.0s, 25.0s</td>
<td>Yes</td>
<td>UPMA, VM</td>
<td>ICOS</td>
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</tbody>
</table>

**Weather Stations**

- **Rapid City**
  - Location: Rapid City
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS

- **Yampa**
  - Location: Yampa
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS

**Water Quality**

- **Lehman**
  - Location: Lehman
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS

**Observation Underwater Vehicles**

- **Asis**
  - Location: Asis
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS

**Nest Boxes**

- **Asis**
  - Location: Asis
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS

**Aquatic Habitats**

- **Asis**
  - Location: Asis
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS

**Habitat**

- **Asis**
  - Location: Asis
  - CARTOSIS ID (Source ID): NA
  - Latitude, Longitude, Depth: 44.0733, -103.0514, 0m
  - Operational period: 2011-2019
  - Variable measured: wind speed, temperature, precipitation, humidity, snowfall, solar radiation, air quality, noise levels
  - Raw measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Data measurement unit: 10.0s, 10.0s, 10.0s, 25.0s, 25.0s, 25.0s, 25.0s, 25.0s
  - Plume: UPMA
  - In rating: VM
  - Comments/tracks: ICOS