

```

[
  {
    "id": "b7a05959.ff8688",
    "type": "tab",
    "label": "OPS24--A",
    "disabled": false,
    "info": ""
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  {
    "id": "ff9980d4.a63cd",
    "type": "ui_group",
    "z": "",
    "name": "Dashboard",
    "tab": "",
    "disp": false,
    "width": "6",
    "collapse": false
  },
  {
    "id": "d9c88b99.c91ee8",
    "type": "ui_base",
    "theme": {
      "name": "theme-dark",
      "lightTheme": {
        "default": "#0094CE",
        "baseColor": "#0094CE",
        "baseFont": "-apple-system,BlinkMacSystemFont, Segoe
UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif",
        "edited": true,
        "reset": false
      },
      "darkTheme": {
        "default": "#097479",
        "baseColor": "#097479",
        "baseFont": "-apple-system,BlinkMacSystemFont, Segoe
UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif",
        "edited": true,
        "reset": false
      },
      "customTheme": {
        "name": "Untitled Theme 1",
        "default": "#4B7930",
        "baseColor": "#4B7930",
        "baseFont": "-apple-system,BlinkMacSystemFont, Segoe
UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif"
      },
      "themeState": {
        "base-color": {
          "default": "#097479",
          "value": "#097479",
          "edited": false
        },
        "page-titlebar-backgroundColor": {
          "value": "#097479",

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        "edited": false
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    "page-backgroundColor": {
        "value": "#111111",
        "edited": false
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    "page-sidebar-backgroundColor": {
        "value": "#000000",
        "edited": false
    },
    "group-textColor": {
        "value": "#0eb8c0",
        "edited": false
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    "group-borderColor": {
        "value": "#555555",
        "edited": false
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    "group-backgroundColor": {
        "value": "#333333",
        "edited": false
    },
    "widget-textColor": {
        "value": "#eeeeee",
        "edited": false
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    "widget-backgroundColor": {
        "value": "#097479",
        "edited": false
    },
    "widget-borderColor": {
        "value": "#333333",
        "edited": false
    },
    "base-font": {
        "value": "-apple-system,BlinkMacSystemFont,Segoe
UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif"
    }
},
"angularTheme": {
    "primary": "indigo",
    "accents": "blue",
    "warn": "red",
    "background": "grey"
}
},
"site": {
    "name": "Node-RED Dashboard",
    "hideToolbar": "false",
    "allowSwipe": "false",
    "lockMenu": "false",
    "allowTempTheme": "true",
    "dateFormat": "DD/MM/YYYY",
    "sizes": {

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        "sy": 56,
        "gx": 6,
        "gy": 6,
        "cx": 6,
        "cy": 6,
        "px": 0,
        "py": 0
    }
}
},
{
    "id": "15753c04.9a8ea4",
    "type": "ui_spacer",
    "name": "spacer",
    "group": "ff9980d4.a63cd",
    "order": 4,
    "width": 6,
    "height": 1
},
{
    "id": "8f1523f3.fc6e",
    "type": "serial-port",
    "z": "",
    "serialport": "/dev/ttyACM0",
    "serialbaud": "19200",
    "databits": "8",
    "parity": "none",
    "stopbits": "1",
    "waitfor": "",
    "newline": "\\n",
    "bin": "false",
    "out": "char",
    "addchar": "",
    "responsetimeout": "10000"
},
{
    "id": "767b649e.25892c",
    "type": "ui_group",
    "z": "",
    "name": "Dashboard",
    "tab": "ddd6dfb3.36535",
    "order": 2,
    "disp": false,
    "width": "6",
    "collapse": false
},
{
    "id": "2ff065ae.0ccc6a",
    "type": "ui_group",
    "z": "",
    "name": "Location",
    "tab": "ddd6dfb3.36535",
    "order": 1,

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    "disp": false,
    "width": "6",
    "collapse": false
  },
  {
    "id": "36c942df.4e14fe",
    "type": "persist-store",
    "z": "",
    "filename": "persistance.json",
    "interval": "60"
  },
  {
    "id": "32958a58.26add6",
    "type": "persist-store",
    "z": "",
    "filename": "outbound-store.json",
    "interval": "60"
  },
  {
    "id": "ddd6dfb3.36535",
    "type": "ui_tab",
    "z": "",
    "name": "OmniPreSense Live Radar Data @ Remuda Ln, SJ Calif
(PST)",
    "icon": "dashboard",
    "disabled": false,
    "hidden": false
  },
  {
    "id": "2efdd184.4eea0e",
    "type": "serial in",
    "z": "b7a05959.ff8688",
    "name": "ttyACM0",
    "serial": "8f1523f3.fc6e",
    "x": 60,
    "y": 220,
    "wires": [
      [
        "b5989a25.0e77b8",
        "d53a4318.b78ee"
      ]
    ]
  },
  {
    "id": "2293c112.ebf75e",
    "type": "inject",
    "z": "b7a05959.ff8688",
    "name": "init: switch to JSON, MPH, no fractions",
    "topic": "",
    "payload": "OJF0USS2A!?P",
    "payloadType": "str",
    "repeat": "",
    "crontab": "",
    "once": true,
```

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    "onceDelay": "",
    "x": 190,
    "y": 60,
    "wires": [
      [
        "79268f5e.2d085"
      ]
    ]
  },
  {
    "id": "b5989a25.0e77b8",
    "type": "json",
    "z": "b7a05959.ff8688",
    "name": "",
    "property": "payload",
    "action": "",
    "pretty": false,
    "x": 110,
    "y": 300,
    "wires": [
      [
        "626d69eb.6a8578",
        "af0cf345.b0af",
        "42adeaf2.9debc4",
        "fe6dd7cb.c77198",
        "f430f5a4.5a4c48"
      ]
    ]
  },
  {
    "id": "626d69eb.6a8578",
    "type": "switch",
    "z": "b7a05959.ff8688",
    "name": "if message contains Product",
    "property": "payload",
    "propertyType": "msg",
    "rules": [
      {
        "t": "has",
        "v": "Product",
        "vt": "str"
      }
    ],
    "checkall": "true",
    "repair": false,
    "outputs": 1,
    "x": 340,
    "y": 380,
    "wires": [
      [
        "6d8449c8.b1a728"
      ]
    ]
  },

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{
  "id": "79268f5e.2d085",
  "type": "serial out",
  "z": "b7a05959.ff8688",
  "name": "Send to OPS24--A",
  "serial": "8f1523f3.fc6e",
  "x": 470,
  "y": 140,
  "wires": []
},
{
  "id": "f0ad17d7.dd4c98",
  "type": "inject",
  "z": "b7a05959.ff8688",
  "name": "send Product Query",
  "topic": "",
  "payload": "?P",
  "payloadType": "str",
  "repeat": "",
  "crontab": "",
  "once": false,
  "onceDelay": "",
  "x": 130,
  "y": 140,
  "wires": [
    [
      "79268f5e.2d085"
    ]
  ]
},
{
  "id": "6d8449c8.b1a728",
  "type": "ui_text",
  "z": "b7a05959.ff8688",
  "group": "767b649e.25892c",
  "order": 1,
  "width": "6",
  "height": "1",
  "name": "",
  "label": "Product:",
  "format": "{{msg.payload.Product}}",
  "layout": "row-spread",
  "x": 760,
  "y": 380,
  "wires": []
},
{
  "id": "fe9154c7.71f748",
  "type": "ui_gauge",
  "z": "b7a05959.ff8688",
  "name": "speedgauge",
  "group": "2ff065ae.0ccc6a",
  "order": 2,
  "width": "6",

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    "height": "3",
    "gtype": "gage",
    "title": "Recent Speed",
    "label": "mph",
    "format": "{{value}}",
    "min": "0",
    "max": "35",
    "colors": [
        "#00b500",
        "#e6e600",
        "#ca3838"
    ],
    "seg1": "",
    "seg2": "",
    "x": 770,
    "y": 280,
    "wires": []
},
{
    "id": "381a8156.e7914e",
    "type": "ui_chart",
    "z": "b7a05959.ff8688",
    "name": "",
    "group": "2ff065ae.0ccc6a",
    "order": 3,
    "width": "6",
    "height": "4",
    "label": "Speed over Time",
    "chartType": "line",
    "legend": "false",
    "xformat": "HH:mm",
    "interpolate": "linear",
    "nodata": "",
    "dot": false,
    "ymin": "10",
    "ymax": "30",
    "removeOlder": "3",
    "removeOlderPoints": "",
    "removeOlderUnit": "3600",
    "cutout": 0,
    "useOneColor": false,
    "colors": [
        "#28b31e",
        "#ff0000",
        "#ff7f0e",
        "#2ca02c",
        "#98df8a",
        "#d62728",
        "#ff9896",
        "#9467bd",
        "#c5b0d5"
    ],
    "useOldStyle": false,
    "outputs": 1,

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    "x": 830,
    "y": 320,
    "wires": [
      []
    ]
  },
  {
    "id": "357441e8.ca7a2e",
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    "z": "b7a05959.ff8688",
    "name": "",
    "group": "767b649e.25892c",
    "order": 6,
    "width": 2,
    "height": 1,
    "passthru": false,
    "label": "Fetch clock",
    "tooltip": "",
    "color": "",
    "bgcolor": "",
    "icon": "",
    "payload": "C?",
    "payloadType": "str",
    "topic": "",
    "x": 90,
    "y": 180,
    "wires": [
      [
        "79268f5e.2d085"
      ]
    ]
  },
  {
    "id": "bc8da3d.2730e6",
    "type": "ui_text",
    "z": "b7a05959.ff8688",
    "group": "767b649e.25892c",
    "order": 7,
    "width": "4",
    "height": 1,
    "name": "",
    "label": "Clock",
    "format": "{{msg.payload.Clock}}",
    "layout": "row-right",
    "x": 750,
    "y": 440,
    "wires": []
  },
  {
    "id": "af0cf345.b0af",
    "type": "switch",
    "z": "b7a05959.ff8688",
    "name": "if message contains Clock",
    "property": "payload",
```



```

"propertyType": "msg",
"rules": [
  {
    "t": "hask",
    "v": "Clock",
    "vt": "str"
  }
],
"checkall": "true",
"repair": false,
"outputs": 1,
"x": 330,
"y": 440,
"wires": [
  [
    "bc8da3d.2730e6"
  ]
]
},
{
  "id": "95514863.951558",
  "type": "change",
  "z": "b7a05959.ff8688",
  "name": "change payload.speed to abs(speed)",
  "rules": [
    {
      "t": "set",
      "p": "payload",
      "pt": "msg",
      "to": "$abs(payload)",
      "tot": "jsonata"
    }
  ],
  "action": "",
  "property": "",
  "from": "",
  "to": "",
  "reg": false,
  "x": 410,
  "y": 280,
  "wires": [
    [
      "381a8156.e7914e",
      "fe9154c7.71f748",
      "ea3add2b.7d041",
      "6bba66d1.0e6788"
    ]
  ]
},
{
  "id": "42adeaf2.9debc4",
  "type": "switch",
  "z": "b7a05959.ff8688",
  "name": "if message contains TimedSpeedCounts",

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```

"property": "payload",
"propertyType": "msg",
"rules": [
  {
    "t": "hask",
    "v": "TimedSpeedCounts",
    "vt": "str"
  }
],
"checkall": "true",
"repair": false,
"outputs": 1,
"x": 380,
"y": 480,
"wires": [
  [
    "a0102cc6.bed61",
    "38a35462.571bfc",
    "aa81ce02.d81da"
  ]
]
},
{
  "id": "8192d4ad.5aa8c8",
  "type": "change",
  "z": "b7a05959.ff8688",
  "name": "change TimedSpeedCounts.count to number",
  "rules": [
    {
      "t": "set",
      "p": "payload",
      "pt": "msg",
      "to": "$number(payload.TimedSpeedCounts.count)\t",
      "tot": "jsonata"
    }
  ],
  "action": "",
  "property": "",
  "from": "",
  "to": "",
  "reg": false,
  "x": 430,
  "y": 620,
  "wires": [
    [
      "a874a314.44228",
      "7535ab88.e47ae4",
      "7f1534ea.1eca7c"
    ]
  ]
},
{
  "id": "a0102cc6.bed61",
  "type": "switch",

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```

    "z": "b7a05959.ff8688",
    "name": "if TimedSpeedCounts contains inbound",
    "property": "payload.TimedSpeedCounts.direction",
    "propertyType": "msg",
    "rules": [
      {
        "t": "cont",
        "v": "inbound",
        "vt": "str"
      }
    ],
    "checkall": "true",
    "repair": false,
    "outputs": 1,
    "x": 420,
    "y": 560,
    "wires": [
      [
        "8192d4ad.5aa8c8"
      ]
    ]
  },
  {
    "id": "a874a314.44228",
    "type": "ui_chart",
    "z": "b7a05959.ff8688",
    "name": "",
    "group": "767b649e.25892c",
    "order": 2,
    "width": "6",
    "height": "3",
    "label": "Inbound Count (last 15 min.)",
    "chartType": "line",
    "legend": "false",
    "xformat": "HH:mm:ss",
    "interpolate": "linear",
    "nodata": "pending new data",
    "dot": true,
    "ymin": "0",
    "ymax": "4",
    "removeOlder": "15",
    "removeOlderPoints": "",
    "removeOlderUnit": "60",
    "cutout": 0,
    "useOneColor": false,
    "colors": [
      "#b31e1e",
      "#aec7e8",
      "#ff7f0e",
      "#2ca02c",
      "#98df8a",
      "#d62728",
      "#ff9896",
      "#9467bd",

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        "#c5b0d5"
    ],
    "useOldStyle": false,
    "outputs": 1,
    "x": 800,
    "y": 540,
    "wires": [
        []
    ]
},
{
    "id": "38a35462.571bfc",
    "type": "switch",
    "z": "b7a05959.ff8688",
    "name": "if TimedSpeedCounts contains outbound",
    "property": "payload.TimedSpeedCounts.direction",
    "propertyType": "msg",
    "rules": [
        {
            "t": "cont",
            "v": "outbound",
            "vt": "str"
        }
    ],
    "checkall": "true",
    "repair": false,
    "outputs": 1,
    "x": 440,
    "y": 700,
    "wires": [
        [
            "4614d19e.bd756"
        ]
    ]
},
{
    "id": "b1b60443.11c098",
    "type": "ui_chart",
    "z": "b7a05959.ff8688",
    "name": "",
    "group": "767b649e.25892c",
    "order": 4,
    "width": "6",
    "height": "3",
    "label": "Outbound Count (last 15 min.)",
    "chartType": "line",
    "legend": "false",
    "xformat": "HH:mm:ss",
    "interpolate": "linear",
    "nodata": "pending new data",
    "dot": true,
    "ymin": "0",
    "ymax": "4",
    "removeOlder": "15",

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    "removeOlderPoints": "",
    "removeOlderUnit": "60",
    "cutout": 0,
    "useOneColor": false,
    "colors": [
      "#1f77b4",
      "#aec7e8",
      "#ff7f0e",
      "#2ca02c",
      "#98df8a",
      "#d62728",
      "#ff9896",
      "#9467bd",
      "#c5b0d5"
    ],
    "useOldStyle": false,
    "outputs": 1,
    "x": 870,
    "y": 700,
    "wires": [
      []
    ]
  },
  {
    "id": "4614d19e.bd756",
    "type": "change",
    "z": "b7a05959.ff8688",
    "name": "change TimedSpeedCounts.count to number",
    "rules": [
      {
        "t": "set",
        "p": "payload",
        "pt": "msg",
        "to": "$number(payload.TimedSpeedCounts.count)\t",
        "tot": "jsonata"
      }
    ],
    "action": "",
    "property": "",
    "from": "",
    "to": "",
    "reg": false,
    "x": 450,
    "y": 760,
    "wires": [
      [
        "b1b60443.11c098",
        "2e6a9fd1.298f"
      ]
    ]
  },
  {
    "id": "456ccd66.575a24",
    "type": "ui_worldmap",

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```
"z": "b7a05959.ff8688",
"group": "2ff065ae.0ccc6a",
"order": 1,
"width": "6",
"height": "4",
"name": "",
"lat": "37.373194",
"lon": "-121.909639",
"zoom": "15",
"layer": "OSM",
"cluster": "",
"maxage": "",
"usermenu": "hide",
"layers": "hide",
"panit": "false",
"panlock": "false",
"zoomlock": "false",
"hiderightclick": "false",
"coords": "none",
"showgrid": "false",
"path": "/worldmap",
"x": 1200,
"y": 180,
"wires": []
},
{
  "id": "960d772b.54c778",
  "type": "inject",
  "z": "b7a05959.ff8688",
  "name": "Send \"marker\"",
  "topic": "",
  "payload": "doesnt matter",
  "payloadType": "str",
  "repeat": "60",
  "crontab": "",
  "once": true,
  "onceDelay": "2",
  "x": 760,
  "y": 100,
  "wires": [
    [
      "f60210d6.d6451"
    ]
  ]
},
{
  "id": "8d8242be.39a08",
  "type": "change",
  "z": "b7a05959.ff8688",
  "name": "change payload to the speed",
  "rules": [
    {
      "t": "set",
      "p": "payload",

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        "pt": "msg",
        "to": "$number(payload.DetectedObjectVelocity)",
        "tot": "jsonata"
    }
],
"action": "",
"property": "",
"from": "",
"to": "",
"reg": false,
"x": 380,
"y": 240,
"wires": [
    [
        "95514863.951558",
        "f669470b.176e18",
        "a3accla0.9d70f"
    ]
]
},
{
    "id": "fe6dd7cb.c77198",
    "type": "switch",
    "z": "b7a05959.ff8688",
    "name": "if message contains DetectedObjectVelocity",
    "property": "payload",
    "propertyType": "msg",
    "rules": [
        {
            "t": "hask",
            "v": "DetectedObjectVelocity",
            "vt": "str"
        }
    ],
    "checkall": "true",
    "repair": false,
    "outputs": 1,
    "x": 390,
    "y": 200,
    "wires": [
        [
            "8d8242be.39a08"
        ]
    ]
},
{
    "id": "f669470b.176e18",
    "type": "switch",
    "z": "b7a05959.ff8688",
    "name": "Switch pos/neg",
    "property": "payload",
    "propertyType": "msg",
    "rules": [
        {

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        "t": "gt",
        "v": "0",
        "vt": "num"
    },
    {
        "t": "lt",
        "v": "0",
        "vt": "str"
    }
],
"checkall": "true",
"repair": false,
"outputs": 2,
"x": 980,
"y": 240,
"wires": [
    [
        "e297c7d5.440e88"
    ],
    [
        "538eec8f.8d3d34"
    ]
]
},
{
    "id": "e297c7d5.440e88",
    "type": "change",
    "z": "b7a05959.ff8688",
    "name": "speed to inbound json",
    "rules": [
        {
            "t": "set",
            "p": "speed",
            "pt": "msg",
            "to": "$join([ \&nbsp;in:&nbsp; ],', ' )",
            "tot": "jsonata"
        },
        {
            "t": "set",
            "p": "payload",
            "pt": "msg",
            "to": "{\t  \&quot;name\&quot;:\&quot;inbound\&quot;,\t
\&quot;lat\&quot;:\$globalContext('lat'),\t  \&quot;lon\&quot;:\$globalContext('lon'),\t
\&quot;label\&quot;:\$.speed,\t  \&quot;t1\&quot;:10,\t  \&quot;color\&quot;:\&quot;red\&quot;}",
            "tot": "jsonata"
        }
    ],
    "action": "",
    "property": "",
    "from": "",
    "to": "",
    "reg": false,
    "x": 1080,

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```

        "y": 300,
        "wires": [
          [
            "456ccd66.575a24"
          ]
        ]
      },
      {
        "id": "538eec8f.8d3d34",
        "type": "change",
        "z": "b7a05959.ff8688",
        "name": "speed to outbound json",
        "rules": [
          {
            "t": "set",
            "p": "speed",
            "pt": "msg",
            "to": "$join([ \"out:\", $formatNumber($abs(msg.payload),
'0')],' ')",
            "tot": "jsonata"
          },
          {
            "t": "set",
            "p": "payload",
            "pt": "msg",
            "to": "{\t  \"name\": \"outbound\", \t
\"lat\": $globalContext('lat'), \t  \"lon\": $globalContext('lon'), \t
\"label\": $.speed, \t  \"ttl\": 10, \t  \"color\": \"blue\"}",
            "tot": "jsonata"
          }
        ],
        "action": "",
        "property": "",
        "from": "",
        "to": "",
        "reg": false,
        "x": 1090,
        "y": 336,
        "wires": [
          [
            "456ccd66.575a24"
          ]
        ]
      },
      {
        "id": "7535ab88.e47ae4",
        "type": "bar-chart-data",
        "z": "b7a05959.ff8688",
        "name": "bar-chart-data (inbound)",
        "x_interval": "quarter_hours",
        "x_size": "12",
        "unit": "",
        "precision": "1",
        "is_meter_reading": "False",

```

```
"agg_by": "sum",
"x": 990,
"y": 620,
"wires": [
  [
    "7d155aa1.84bcb4",
    "62e5678d.4eee98"
  ]
]
},
{
  "id": "58a00efc.de156",
  "type": "inject",
  "z": "b7a05959.ff8688",
  "name": "",
  "topic": "",
  "payload": "{\\"ui_control\\":{\\"ui_chart\\":\\"bar\\"}}",
  "payloadType": "json",
  "repeat": "",
  "crontab": "",
  "once": false,
  "onceDelay": 0.1,
  "x": 590,
  "y": 320,
  "wires": [
    [
      "381a8156.e7914e"
    ]
  ]
},
{
  "id": "7d155aa1.84bcb4",
  "type": "ui_chart",
  "z": "b7a05959.ff8688",
  "name": "",
  "group": "767b649e.25892c",
  "order": 3,
  "width": "6",
  "height": "2",
  "label": "Inbound (westbound history)",
  "chartType": "bar",
  "legend": "false",
  "xformat": "HH:mm:ss",
  "interpolate": "linear",
  "nodata": "",
  "dot": false,
  "ymin": "",
  "ymax": "",
  "removeOlder": "12",
  "removeOlderPoints": "",
  "removeOlderUnit": "3600",
  "cutout": 0,
  "useOneColor": true,
  "colors": [
```

```

        "#b31e1e",
        "#aec7e8",
        "#ff7f0e",
        "#2ca02c",
        "#98df8a",
        "#d62728",
        "#ff9896",
        "#9467bd",
        "#c5b0d5"
    ],
    "useOldStyle": false,
    "outputs": 1,
    "x": 1260,
    "y": 640,
    "wires": [
        []
    ]
},
{
    "id": "19b84c.59e3e7b5",
    "type": "comment",
    "z": "b7a05959.ff8688",
    "name": "about store",
    "info": "The storage module saves data over time. \nIt also
restores that stored data on Node Red restart.\nImportant to note that it
is not portable to another node.  If changing nodes, throw the old one
away and create anew.",
    "x": 1180,
    "y": 560,
    "wires": []
},
{
    "id": "a4a467b3.acd348",
    "type": "persist out",
    "z": "b7a05959.ff8688",
    "name": "recover (in)",
    "storageNode": "36c942df.4e14fe",
    "x": 1010,
    "y": 660,
    "wires": [
        [
            "7535ab88.e47ae4"
        ]
    ]
},
{
    "id": "62e5678d.4eee98",
    "type": "persist in",
    "z": "b7a05959.ff8688",
    "name": "store (inbound)",
    "storageNode": "36c942df.4e14fe",
    "x": 1200,
    "y": 600,
    "wires": []
}

```

```

},
{
  "id": "2e6a9fd1.298f",
  "type": "bar-chart-data",
  "z": "b7a05959.ff8688",
  "name": "bar-chart-data (outbound)",
  "x_interval": "quarter_hours",
  "x_size": "12",
  "unit": "",
  "precision": "1",
  "is_meter_reading": "False",
  "agg_by": "sum",
  "x": 990,
  "y": 740,
  "wires": [
    [
      "c1c79f1a.ceba7",
      "e77df211.b98c8"
    ]
  ]
},
{
  "id": "c1c79f1a.ceba7",
  "type": "ui_chart",
  "z": "b7a05959.ff8688",
  "name": "",
  "group": "767b649e.25892c",
  "order": 5,
  "width": "6",
  "height": "2",
  "label": "Outbound (eastbound history)",
  "chartType": "bar",
  "legend": "false",
  "xformat": "HH:mm:ss",
  "interpolate": "linear",
  "nodata": "",
  "dot": false,
  "ymin": "0",
  "ymax": "",
  "removeOlder": 1,
  "removeOlderPoints": "",
  "removeOlderUnit": "3600",
  "cutout": 0,
  "useOneColor": true,
  "colors": [
    "#1f77b4",
    "#aec7e8",
    "#ff7f0e",
    "#2ca02c",
    "#98df8a",
    "#d62728",
    "#ff9896",
    "#9467bd",
    "#c5b0d5"
  ]
}

```

```

    ],
    "useOldStyle": false,
    "outputs": 1,
    "x": 1270,
    "y": 760,
    "wires": [
      []
    ]
  },
  {
    "id": "e77df211.b98c8",
    "type": "persist in",
    "z": "b7a05959.ff8688",
    "name": "store (out)",
    "storageNode": "32958a58.26add6",
    "x": 1190,
    "y": 720,
    "wires": []
  },
  {
    "id": "d1a75fee.689ba",
    "type": "persist out",
    "z": "b7a05959.ff8688",
    "name": "recover (out)",
    "storageNode": "32958a58.26add6",
    "x": 1010,
    "y": 780,
    "wires": [
      [
        "2e6a9fd1.298f"
      ]
    ]
  },
  {
    "id": "52c694e2.eae15c",
    "type": "ui_ui_control",
    "z": "b7a05959.ff8688",
    "name": "On Connect",
    "events": "connect",
    "x": 730,
    "y": 60,
    "wires": [
      [
        "f60210d6.d6451"
      ]
    ]
  },
  {
    "id": "ea3add2b.7d041",
    "type": "smooth",
    "z": "b7a05959.ff8688",
    "name": "max smooth30",
    "property": "payload",
    "action": "max",

```

```
"count": "500",
"round": "0",
"mult": "single",
"reduce": false,
"x": 980,
"y": 400,
"wires": [
  [
    "8e6d3020.4d294"
  ]
]
},
{
  "id": "6bba66d1.0e6788",
  "type": "smooth",
  "z": "b7a05959.ff8688",
  "name": "mean smooth30",
  "property": "payload",
  "action": "mean",
  "count": "500",
  "round": "0",
  "mult": "single",
  "reduce": false,
  "x": 980,
  "y": 440,
  "wires": [
    [
      "f1ced828.422978"
    ]
  ]
},
{
  "id": "8e6d3020.4d294",
  "type": "ui_text",
  "z": "b7a05959.ff8688",
  "group": "2ff065ae.0ccc6a",
  "order": 5,
  "width": "3",
  "height": "1",
  "name": "",
  "label": "Max",
  "format": "{{msg.payload}}",
  "layout": "col-center",
  "x": 1190,
  "y": 400,
  "wires": []
},
{
  "id": "f1ced828.422978",
  "type": "ui_text",
  "z": "b7a05959.ff8688",
  "group": "2ff065ae.0ccc6a",
  "order": 4,
  "width": "3",
```

```
"height": "1",
"name": "",
"label": "Avg",
"format": "{{msg.payload}}",
"layout": "col-center",
"x": 1190,
"y": 440,
"wires": []
},
{
  "id": "f60210d6.d6451",
  "type": "change",
  "z": "b7a05959.ff8688",
  "name": "set marker payload",
  "rules": [
    {
      "t": "set",
      "p": "payload",
      "pt": "msg",
      "to": "{\t  \\"name\":"\\"marker\","\\t
\\"lat\":"$globalContext('lat'),\t  \\"lon\":"$globalContext('lon'),\t
\\"icon\":"\\"map-marker\","\\t  \\"color\":"\\"#dd0000\\" \t}",
      "tot": "jsonata"
    }
  ],
  "action": "",
  "property": "",
  "from": "",
  "to": "",
  "reg": false,
  "x": 990,
  "y": 100,
  "wires": [
    [
      "456ccd66.575a24"
    ]
  ]
},
{
  "id": "d53a4318.b78ee",
  "type": "logger",
  "z": "b7a05959.ff8688",
  "name": "log all_received",
  "filename": "all_received.log",
  "maxsize": 1,
  "maxfiles": 10,
  "complete": "payload",
  "console": false,
  "file": true,
  "debug": false,
  "zip": false,
  "logtype": "info",
  "x": 100,
  "y": 360,
```

```
    "wires": []
  },
  {
    "id": "7f1534ea.1eca7c",
    "type": "debug",
    "z": "b7a05959.ff8688",
    "name": "Count",
    "active": true,
    "tosidebar": true,
    "console": false,
    "tostatus": false,
    "complete": "payload",
    "targetType": "msg",
    "x": 750,
    "y": 500,
    "wires": []
  },
  {
    "id": "dd9f73b7.59c27",
    "type": "inject",
    "z": "b7a05959.ff8688",
    "name": "",
    "topic": "",
    "payload": "{\\"speed\\":\\"19\\"}",
    "payloadType": "str",
    "repeat": "",
    "crontab": "",
    "once": true,
    "onceDelay": 0.1,
    "x": 100,
    "y": 560,
    "wires": [
      [
        "b5989a25.0e77b8"
      ]
    ]
  },
  {
    "id": "aa81ce02.d81da",
    "type": "debug",
    "z": "b7a05959.ff8688",
    "name": "",
    "active": true,
    "tosidebar": true,
    "console": false,
    "tostatus": false,
    "complete": "false",
    "x": 650,
    "y": 460,
    "wires": []
  },
  {
    "id": "a3accl1a0.9d70f",
    "type": "debug",
```



```
    "z": "b7a05959.ff8688",
    "name": "",
    "active": false,
    "tosidebar": true,
    "console": false,
    "tostatus": false,
    "complete": "payload",
    "targetType": "msg",
    "x": 750,
    "y": 200,
    "wires": []
  },
]
```