

# Joydel

X: 0.00      Y: 0.00  
Habitable Orbit: 2-3

Z: 0.00

Class: G5

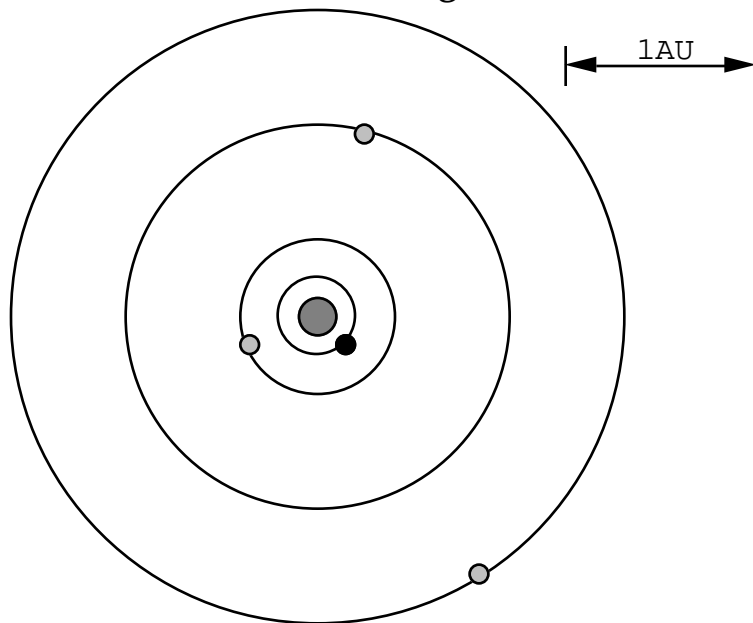
Size: 5

Magnitude: 6.44

## World and Satellite Data

|      |     |           |                              |
|------|-----|-----------|------------------------------|
| 0    | .   | HS00000-0 | (Company Site, Abandoned)    |
| 1    | .   | SGG       |                              |
|      | 3   | Y200000-0 |                              |
|      | 12  | G620114-7 | (Pop=30) Mercholor           |
|      | 25  | Y430000-0 |                              |
|      | 40  | Y400000-0 |                              |
|      | 55  | Y300000-0 |                              |
| 2(H) | .   | SGG       |                              |
|      | 175 | E556535-9 | (Pop=400,000) Giettacin [Ag] |
| 3    | .   | LGG       |                              |
|      | 2   | YR00000-0 |                              |
|      | 5   | Y100000-0 |                              |
|      | 6   | Y300000-0 |                              |
|      | 7   | Y400000-0 |                              |
|      | 8   | Y664000-0 | Ruigth (Scout Base - Dstryd) |
| *    | 10  | Gxxx365-8 | (Pop=5,000) Station          |
|      | 30  | Y310000-0 |                              |
|      | 35  | Y310000-0 |                              |

## Orbital Diagram



## Giettacin

|                    |          |                             |              |
|--------------------|----------|-----------------------------|--------------|
| World:             | UPP Code |                             |              |
| Size               | 5        | Medium (8000km)             | 8,104.89 km  |
| Atmosphere         | 5        | Thin                        | 0.551 ATM    |
| Hydrographics      | 6        | Wet World (60%)             | 56.45 %      |
| Orbit #            | 2        |                             |              |
| Star:              |          |                             |              |
| Spectral Type      | G2       | Density:                    | 0.75         |
| Class              | 5        | Mass:                       | 0.1904 terra |
| Stellar Mass       | 1        | Gravity:                    | 0.47 G's     |
| Atmospheric Taint: | None     | Orbital Period:             | 213.77 days  |
| Weather Factors:   | 1        | Rotational Period:          | 17.70 hours  |
| Fossil Fuels?:     | Yes      | Tidally Locked?:            | No           |
| Radioactives?:     | No       | Orbital Eccentricity:       | 0            |
|                    |          | Axial Tilt:                 | 13 °         |
|                    |          | Rotation-Luminosity Factor: | 1.18         |
|                    |          | Base Temperature:           | 70.73 °C     |
|                    |          | Max season increase:        | 7.80 °C      |
|                    |          | Max season decrease:        | 13.00 °C     |
|                    |          | Pos temp /hour day:         | 0.71 °C      |
|                    |          | Maximum day temp:           | 125.54 °C    |
|                    |          | Neg temp /hour night:       | 39.00 °C     |
|                    |          | Minimum night temp:         | 21.22 °C     |
| <b>Horizon</b>     |          |                             |              |
| Viewpoint (meters) | Distance |                             |              |
| 1.5                | 4.93 km  |                             |              |
| 2                  | 5.69 km  |                             |              |
| 3                  | 6.97 km  |                             |              |
| 10                 | 12.73 km |                             |              |

| Hex Row | Average Temp | Summer | Daytime | Winter | Night  | Highest | Lowest |
|---------|--------------|--------|---------|--------|--------|---------|--------|
| 1       | 85.73        | 0.00   | 92.01   | 0.00   | 36.22  | 177.74  | 121.95 |
| 2       | 80.73        | 0.00   | 87.01   | 0.00   | 31.22  | 167.74  | 111.95 |
| 3       | 75.73        | 0.00   | 82.01   | 0.00   | 26.22  | 157.74  | 101.95 |
| 4       | 70.73        | 0.00   | 77.01   | 0.00   | 21.22  | 147.74  | 91.95  |
| 5       | 65.73        | 0.00   | 72.01   | 0.00   | 16.22  | 137.74  | 81.95  |
| 6       | 60.73        | 1.95   | 67.01   | -3.25  | 11.22  | 129.69  | 68.70  |
| 7       | 55.73        | 3.90   | 62.01   | -6.50  | 6.22   | 121.64  | 55.45  |
| 8       | 50.73        | 5.85   | 57.01   | -9.75  | 1.22   | 113.59  | 42.20  |
| 9       | 45.73        | 7.80   | 52.01   | -13.00 | -3.78  | 105.54  | 28.95  |
| 10      | 40.73        | 7.80   | 47.01   | -13.00 | -8.78  | 95.54   | 18.95  |
| 11      | 35.73        | 7.80   | 42.01   | -13.00 | -13.78 | 85.54   | 8.95   |

## Ruigh

| World:        | UPP Code |
|---------------|----------|
| Size          | 6        |
| Atmosphere    | 6        |
| Hydrographics | 4        |
| Orbit #       | 3        |

|               |    |
|---------------|----|
| Star:         |    |
| Spectral Type | G2 |
| Class         | 5  |
| Stellar Mass  | 1  |

|                    |      |
|--------------------|------|
| Atmospheric Taint: | None |
| Weather Factors:   | 2    |
| Fossil Fuels?:     | Yes  |
| Radioactives?:     | Yes  |

### Horizon

| Viewpoint (meters) | Distance |
|--------------------|----------|
| 1.5                | 5.27 km  |
| 2                  | 6.09 km  |
| 3                  | 7.45 km  |
| 10                 | 13.61 km |

| Description     | Actual Rating |
|-----------------|---------------|
| Medium (9600km) | 9,257.53 km   |
| Standard        | 1.482 ATM     |
| Wet World (40%) | 42.30 %       |

|                             |              |
|-----------------------------|--------------|
| Density:                    | 1.5          |
| Mass:                       | 0.5675 terra |
| Gravity:                    | 1.08 G's     |
| Orbital Period:             | 365.00 days  |
| Rotational Period:          | 18.00 hours  |
| Tidally Locked?:            | No           |
| Orbital Eccentricity:       | 0.015        |
| Axial Tilt:                 | 37 °         |
| Rotation-Luminosity Factor: | 0.99         |
| Base Temperature:           | 60.85 °C     |
| Max season increase:        | 22.20 °C     |
| Max season decrease:        | 37.00 °C     |
| Pos temp /hour day:         | 0.50 °C      |
| Maximum day temp:           | 150.60 °C    |
| Neg temp /hour night:       | 37.00 °C     |
| Minimum night temp:         | 9.13 °C      |

| Hex Row | Average Temp | Summer | Daytime | Winter | Night  | Highest | Lowest |
|---------|--------------|--------|---------|--------|--------|---------|--------|
| 1       | 78.85        | 5.55   | 83.75   | -9.25  | 26.68  | 168.15  | 96.27  |
| 2       | 72.85        | 11.10  | 77.75   | -18.50 | 20.68  | 161.70  | 75.02  |
| 3       | 66.85        | 16.65  | 71.75   | -27.75 | 14.68  | 155.25  | 53.77  |
| 4       | 60.85        | 22.20  | 65.75   | -37.00 | 8.68   | 148.80  | 32.52  |
| 5       | 54.85        | 22.20  | 59.75   | -37.00 | 2.68   | 136.80  | 20.52  |
| 6       | 48.85        | 22.20  | 53.75   | -37.00 | -3.32  | 124.80  | 8.52   |
| 7       | 42.85        | 22.20  | 47.75   | -37.00 | -9.32  | 112.80  | -3.48  |
| 8       | 36.85        | 22.20  | 41.75   | -37.00 | -15.32 | 100.80  | -15.48 |
| 9       | 30.85        | 22.20  | 35.75   | -37.00 | -21.32 | 88.80   | -27.48 |
| 10      | 24.85        | 22.20  | 29.75   | -37.00 | -27.32 | 76.80   | -39.48 |
| 11      | 18.85        | 22.20  | 23.75   | -37.00 | -33.32 | 64.80   | -51.48 |

## Mercholor

| World:        | UPP Code |
|---------------|----------|
| Size          | 6        |
| Atmosphere    | 2        |
| Hydrographics | 0        |
| Orbit #       | 1        |

|               |    |
|---------------|----|
| Star:         |    |
| Spectral Type | G2 |
| Class         | 5  |
| Stellar Mass  | 1  |

|                    |      |
|--------------------|------|
| Atmospheric Taint: | None |
| Weather Factors:   | 2    |
| Fossil Fuels?:     | No   |
| Radioactives?:     | Yes  |

### Horizon

| Viewpoint (meters) | Distance |
|--------------------|----------|
| 1.5                | 5.46 km  |
| 2                  | 6.31 km  |
| 3                  | 7.73 km  |
| 10                 | 14.10 km |

| Description                 | Actual Rating |
|-----------------------------|---------------|
| Medium (9600km)             | 9,946.31 km   |
| Vacuum (very thin; tainted) | 0.102 ATM     |
| Desert World (0%)           | 3.30 %        |

|                             |              |
|-----------------------------|--------------|
| Density:                    | 1.35         |
| Mass:                       | 0.6334 terra |
| Gravity:                    | 1.05 G's     |
| Orbital Period:             | 92.34 days   |
| Rotational Period:          | 17.40 hours  |
| Tidally Locked?:            | No           |
| Orbital Eccentricity:       | 0            |
| Axial Tilt:                 | 36 °         |
| Rotation-Luminosity Factor: | 1.57         |
| Base Temperature:           | 253.77 °C    |
| Max season increase:        | 21.60 °C     |
| Max season decrease:        | 36.00 °C     |
| Pos temp /hour day:         | 1.25 °C      |
| Maximum day temp:           | 317.79 °C    |
| Neg temp /hour night:       | 288.00 °C    |
| Minimum night temp:         | 126.89 °C    |

| Hex Row | Average Temp | Summer | Daytime | Winter | Night  | Highest | Lowest |
|---------|--------------|--------|---------|--------|--------|---------|--------|
| 1       | 271.77       | 5.40   | 282.67  | -9.00  | 144.89 | 559.84  | 407.66 |
| 2       | 265.77       | 10.80  | 276.67  | -18.00 | 138.89 | 553.24  | 386.66 |
| 3       | 259.77       | 16.20  | 270.67  | -27.00 | 132.89 | 546.64  | 365.66 |
| 4       | 253.77       | 21.60  | 264.67  | -36.00 | 126.89 | 540.04  | 344.66 |
| 5       | 247.77       | 21.60  | 258.67  | -36.00 | 120.89 | 528.04  | 332.66 |
| 6       | 241.77       | 21.60  | 252.67  | -36.00 | 114.89 | 516.04  | 320.66 |
| 7       | 235.77       | 21.60  | 246.67  | -36.00 | 108.89 | 504.04  | 308.66 |
| 8       | 229.77       | 21.60  | 240.67  | -36.00 | 102.89 | 492.04  | 296.66 |
| 9       | 223.77       | 21.60  | 234.67  | -36.00 | 96.89  | 480.04  | 284.66 |
| 10      | 217.77       | 21.60  | 228.67  | -36.00 | 90.89  | 468.04  | 272.66 |
| 11      | 211.77       | 21.60  | 222.67  | -36.00 | 84.89  | 456.04  | 260.66 |