1. Select a level piece of ground about 4 meters in diameter.

2. Assemble the **lower tower section**: Insert the three legs into the tower base and secure with a turn clockwise, forming a tripod. Place the tripod in the center of the 4-meter diameter area.

3. Attach the **ZENO® 3200 Enclosure** to the tower base using the clamps on the rear of the enclosure as shown.

4. Mount the **Wind Sensor** on the extension pole for the top of the tower, then attach the extension pole to the top of the tower base. *The face of the small junction box on the Wind Sensor should face due South*.*

5. If you have one, mount the **Net Radiometer Sensor** on the extension pole *so that the sensor and rod point due South*, with the sensor facing upward. The sensor must be mounted 1.5 meters above the ground.*

6. If you have one, attach the **Solar Panel** below the Net Radiometer Sensor *so that it is facing toward the Sun.*

7. Attach the **Humidity and Temperature Sensors** assembly just above the Net Radiometer Sensor.

8. If you have one, attach the **Solar Radiation Sensor** on the tower extension pole several centimeters above the Humidity and Temperature Sensors assembly as shown. *The sensor must point South* and face upward.*

9. If you have one, carefully insert or bury the **Soil Temperature Sensor** in the area of soil to be monitored and attach the cable to the enclosure.

10. If you have one, fully insert the **Soil Moisture Sensor** prongs into the area of soil to be monitored and attach the cable to the enclosure.

11. If you have one, place the **Rainfall Sensor** on level ground near the tower, but with nothing over the top. Remove the top funnel from the sensor and verify that the tipping mechanism is able to move freely. Remove anything used to hold the tipping mechanism in place during shipping.

12. Run all **Cables** through the **Gasket Feedthroughs** and attach to the ZENO® as shown in the **Wiring Diagram**. Tighten gasket feedthroughs by hand.

*In the Southern Hemisphere, align these sensors to FACE NORTH.

Wind Sensor

FACE SOUTH*
In Northern Hemisphere

Solar Radiation Sensor

Humidity and Temperature Sensors

Net Radiometer Sensor

Place 1.5 METERS above ground

ZENO® Enclosure also holds the Barometric Pressure Sensor

Rainfall Sensor

Soil Moisture Sensor

Soil Temperature Sensor

820 First Avenue South, Seattle, WA 98134   Tel: +1 (800) 488-8291 / +1 (206) 682-6048   Fax: +1 (206) 682-5658   www.CoastalEnvironmental.com

6/28/12