City of Alexandria, Virginia
US Geological Survey Sensor Sites and Locations

Site 1 Oronoco Bay Park and Madison Avenue

Low elevation site: Oronoco Bay Park, large timber landscape box (fig. 1)

Site 2 Founders Bay Park, Union and Queen Streets

High elevation site: Founders Bay Park entrance, cement-filled steel pipe (fig.2)
Low elevation site: Founders Bay Park dock, timber dock support (fig. 3)

Site 3 Waterfront Park, Union and King Streets

High elevation site: Corner of Union and King Streets, City lamp post (fig. 4)
Low elevation site: Waterfront Park entrance, bundled timber posts (fig. 5)

Site 4 Waterfront Park, Strand and Prince Streets

Single elevation site: Waterfront Park, Dock area, metal pole near dock support (fig. 6).

Site 5 Roberdeau and Shipyard Parks at Wolfe Street terminus

Single elevation site: At parks junction, large timber landing pylon (fig. 7)

If sensor site description is underlined, we will pre-drill bracket holes and place four small screws in these holes as part of initial set up. The bracket, sensor, and housing will be attached within about 24 hours of a selected forecast flood event, and retrieved as soon as possible after the event. (All of these sites are at or very near the river's edge, where making sure the sensor can remain attached during heavy surge action is critical.)

If sensor site description is not underlined, the sensor bracket is attached with adjustable bands, and sensor and housing are attached to bracket, all within about 24 hours of a selected forecast flood event, and all equipment are removed as soon as possible after the event. (All of these sites are further inland, and involve structures where attachment of sensor bracket with bands will suffice.)