

## Electronic Wind Speed and Direction

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Wind speed and direction are measured electronically with several models of the RM Young Wind Monitor family (See figure 1 and Wind\_RM\_Young\_wind\_monitor\_05103.pdf).

The first anemometer was located at the Reef Edge station in 1975 (see Fig. 1 &2). In April 2002 an anemometer was installed on the newly erected 10m tower located at the end of the Galeta Pier Currently (see Fig 3). RM Young Wind Monitor Model 05103 anemometers are used at both sites.

Wind speed and direction are sampled once every 10 seconds. The average, minimum and maximum values are recorded at the end of every 15 minute interval.

Sensor elements are replaced with newly recalibrated sensors every year according to the manufacture's recommendations.

Figure 1



Aerial view of Galeta showing location of two Anemometers

Figure 2



Reef Edge Station

Figure 2



Pier Tower Station