

Electronic Wind Speed and Direction Methodology

(Last rev. 07/10/2024)

The San Lorenzo Park (formerly known as Fort Sherman) station (Figure 1) is located approximately 10km southwest of the city of Colon in forest that has only been lightly altered by human activities. It is attached to a large construction crane (Figure 2).

Wind speed and direction has always been measured electronically RM Young Wind Monitor Model 05103 (See figure 3).

Records are provided with two Quality Control flags. Flag one indicates the fitness for use of each record. Possible values are: good, bad, doubtful, missing. Records are marked as bad if they fail one or more QC tests. Likewise, records are marked as doubtful if they are potentially bad, but without sufficiently strong evidence to be marked as bad. The second QC variable provides that reason for marking a variable as bad or doubtful. Potential values are: range, step, persistence, drift. At this time only range tests have been applied.

Figure 1



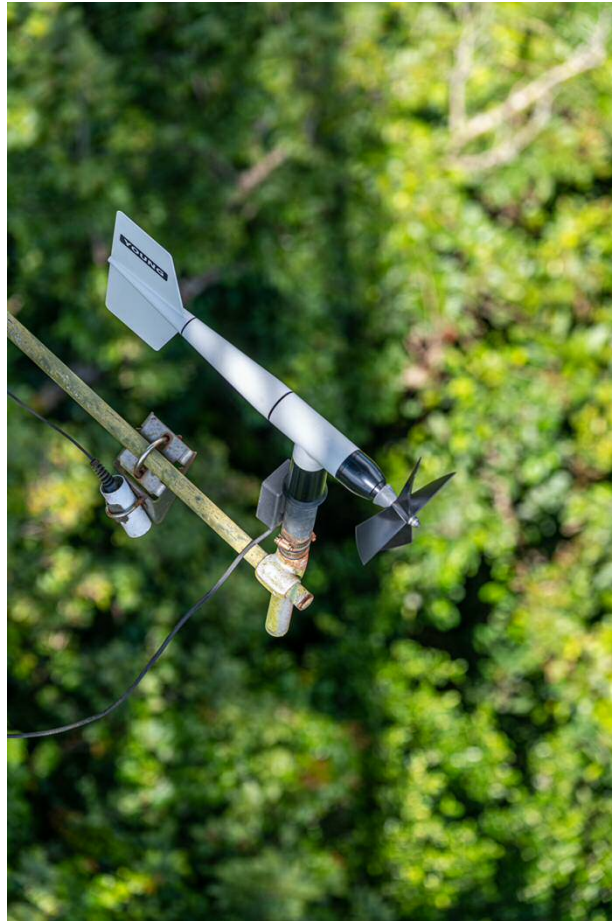
Location of the San Lorenzo Crane

Figure 2



San Lorenzo Crane

Figure 3



San Lorenzo Crane RM Young Wind Monitor