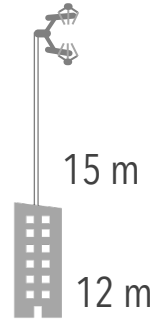
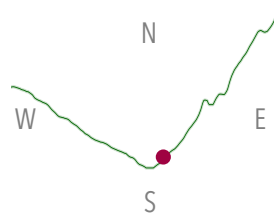


# Station Villa Niza EH1

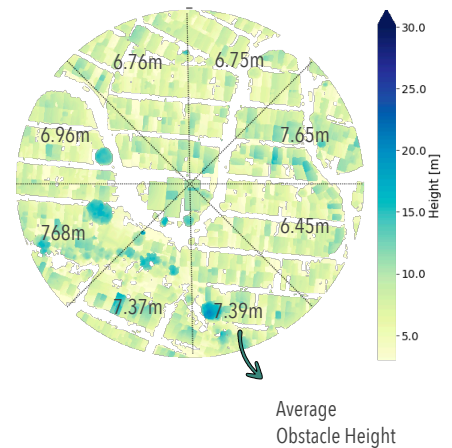
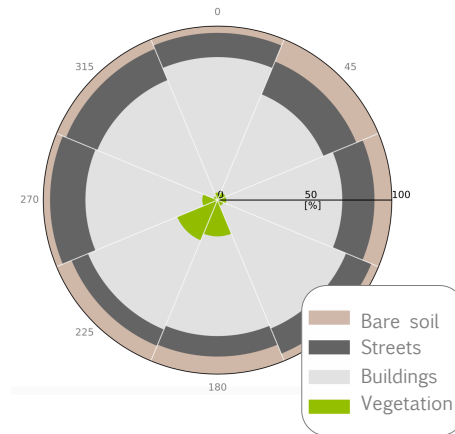
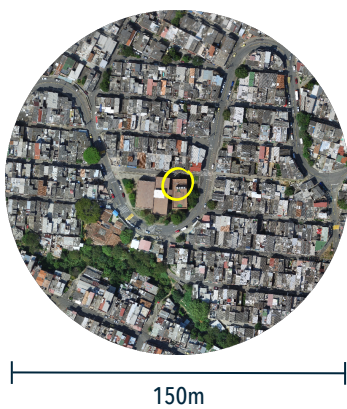
Eastern Hillslope 1



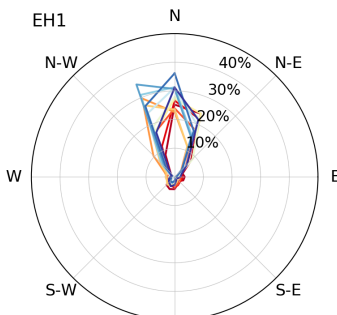
Altitude	Slope	Aspect	Sensor Height ( $z_s$ )*	Operational Since
1419 m.a.s.l	13.5°	196	27m	2019-12-03

\* Above street level

## Morphological Characteristics

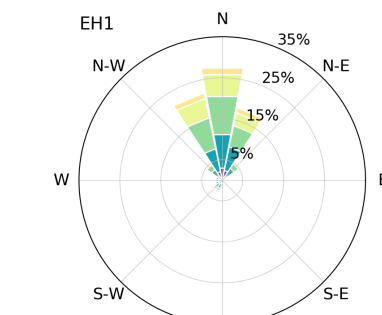


Wind Dataset 2019-04-01 / 2020-05-31



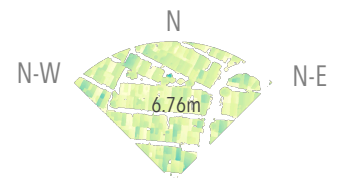
Hour

0:00	12:00
2:00	14:00
4:00	16:00
6:00	18:00
8:00	20:00
10:00	22:00



WS (ms<sup>-1</sup>)

0 - 1	4 - 5
1 - 2	5 - 6
2 - 3	6 - 7
3 - 4	> 7



Average obstacle height ( $z_H$ ) = 6.76m

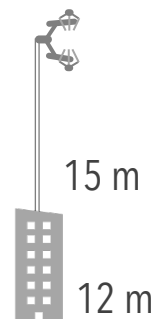
$$z_s / z_H = 3.99^*$$

Roughness Length ( $z_0$ ) = 0.7m

Displacement Height ( $d$ ) = 4.7m

# Station Villa Niza EH1

Eastern Hillslope 1



Altitude

1419 m.a.s.l

Slope

13.5°

Aspect

196

Sensor Height ( $z_s$ )\*

27m

Operational Since

2019-12-03

\* Above street level

## Footprint\*

\* (Kljun et al. 2015)

Dataset 2020-01-01 / 2020-05-31

