

Parameter	Symbol	Value
direct measurements		
mean wind velocity	$\bar{u}$	$5.22 \text{ m s}^{-1}$
fluctuations, along-wind	$\sigma_u^2 = \overline{u'^2}$	$2.29 \text{ m}^2 \text{ s}^{-2}$
fluctuations, across-wind	$\sigma_v^2 = \overline{v'^2}$	$0.861 \text{ m}^2 \text{ s}^{-2}$
fluctuations, vertical	$\sigma_w^2 = \overline{w'^2}$	$0.283 \text{ m}^2 \text{ s}^{-2}$
turbulence intensity	$i$	0.102
Obukhov length	$L$	$-6.22 \text{ m}$
flux Richardson number	$R_f$	$-0.988$
friction velocity	$u_*$	$0.249 \text{ m s}^{-1}$
fit to energy spectrum $E_w(k)$		
energy dissipation	$\epsilon$	$0.015 \text{ m}^2 \text{ s}^{-3}$
Eulerian integral time, vertical	$T_{E,w}$	3.07 s
Lagrangian integral time, vertical	$T_{L,w}$	21.1 s
Ratio of integral times	$\beta$	6.87