

Parameter	Symbol	Value
direct measurements		
mean wind velocity	\bar{u}	5.22 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 m
flux Richardson number	R_f	-0.988
friction velocity	u_*	0.249 m s^{-1}
fit to energy spectrum $E_w(k)$		
energy dissipation	ϵ	$0.015 \text{ m}^2 \text{ s}^{-3}$
Eulerian integral time, vertical	$T_{E,w}$	3.07 s
Lagrangian integral time, vertical	$T_{L,w}$	21.1 s
Ratio of integral times	β	6.87