

Summary

	Hematite		Gusev		Melas	
	MRAMS	Mars MM5	MRAMS	Mars MM5	MRAMS	Mars MM5
Wind Speed (m/s)						
Horizontal	4 ± 2	4 ± 2	7 ± 2	3 ± 0.6	14 ± 5	$1.3^* \pm 0.7$
Upward	2.5(1.9)	1.4	0.4	0.3	0.7	0.1
Downward	-1.1(-1.5)-1.7		-0.2	-0.3	-0.8	-0.1
MPF Scale Factors						
Shear	0.4(0.3)	0.2	0.9	0.5	0.8	0.5
Turbulence						
Average	0.7		1.8		1.6	
Peak	1.2		2.1		2.8	

* Speeds are significantly higher 2 hours later (6 ± 3 m/s)

- Values in parenthesis are from the LES
- Shear is long wavelength variability.
- Turbulence is short wavelength variability.
- Mean Turbulence is over convective boundary layer