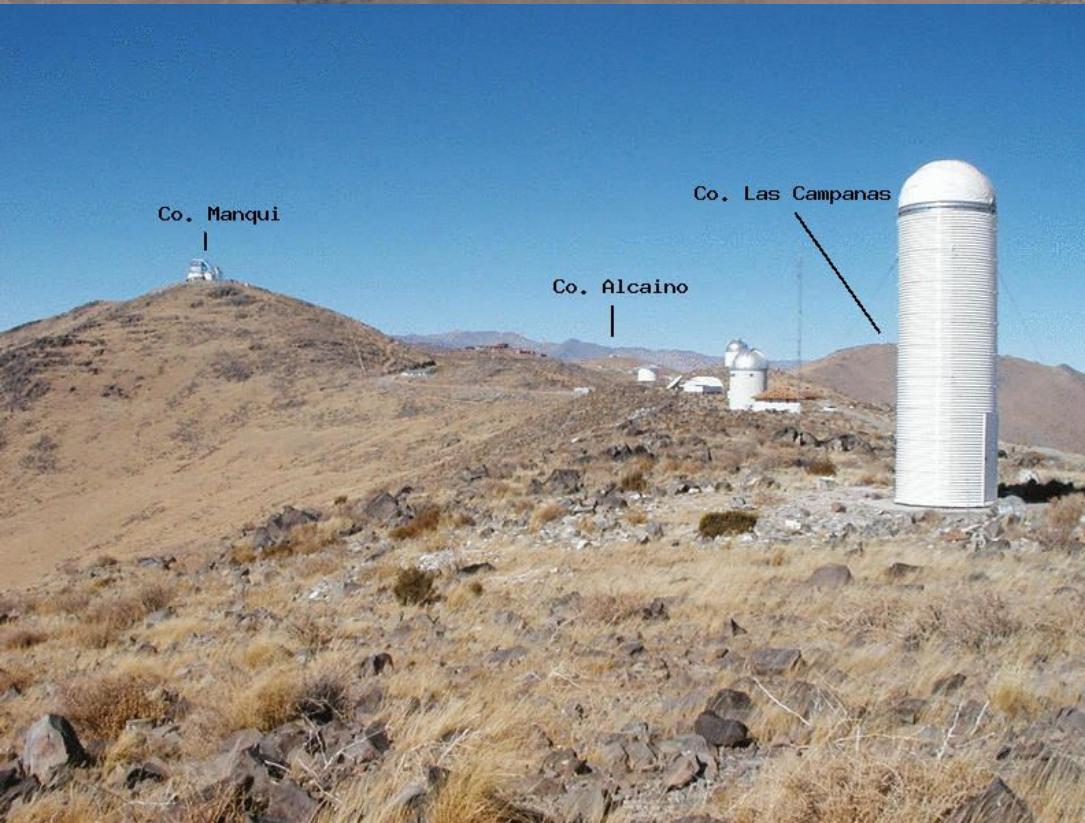
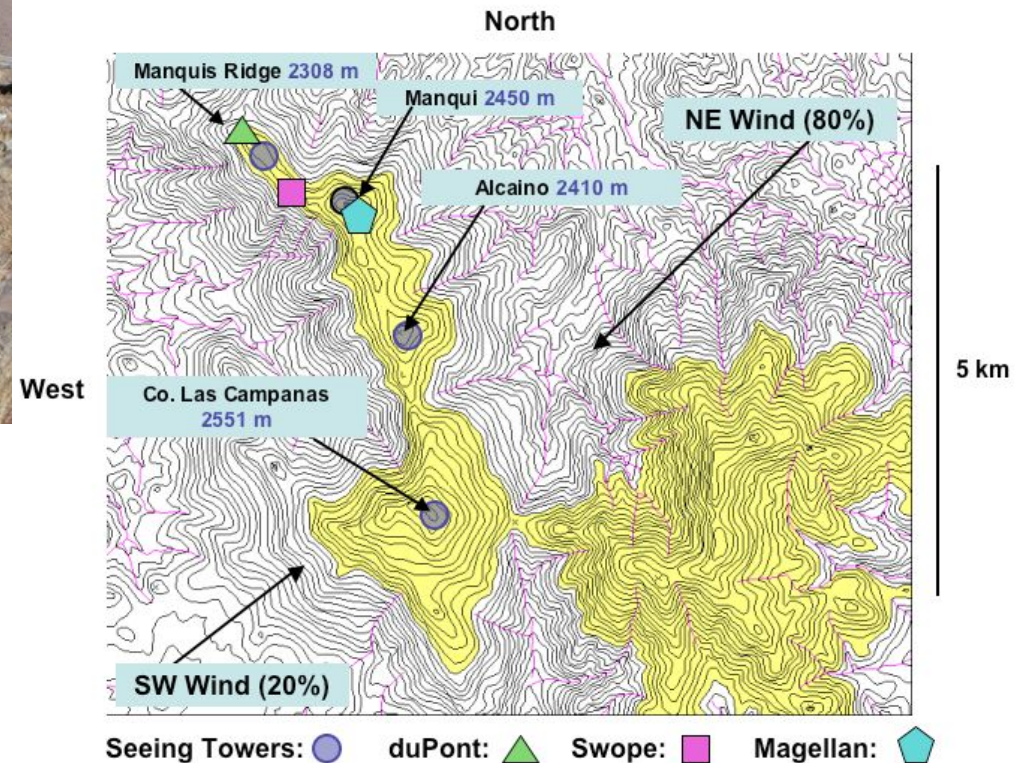




# GMT Site Evaluation and Characterization at LCO



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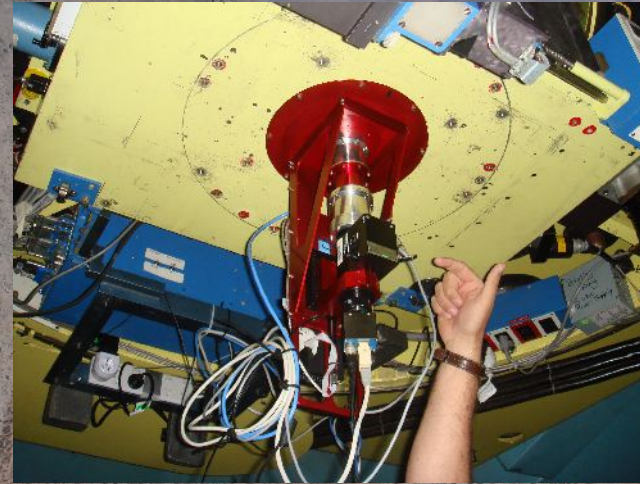


# SLODAR, MASS-DIMM, and LuSci



LuSci

SLODAR  
on duPont

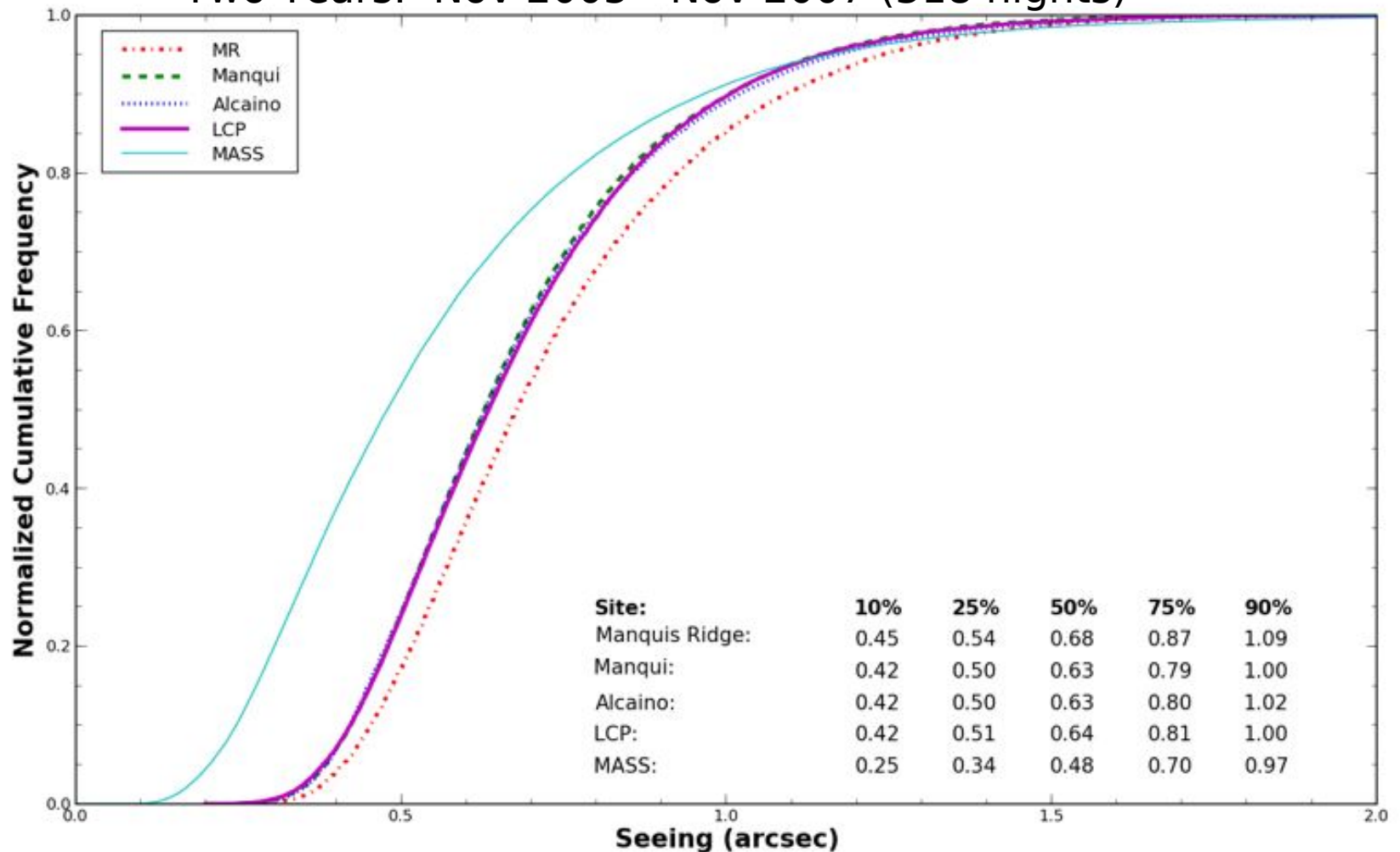


MASS-DIMM



# Seeing Statistics

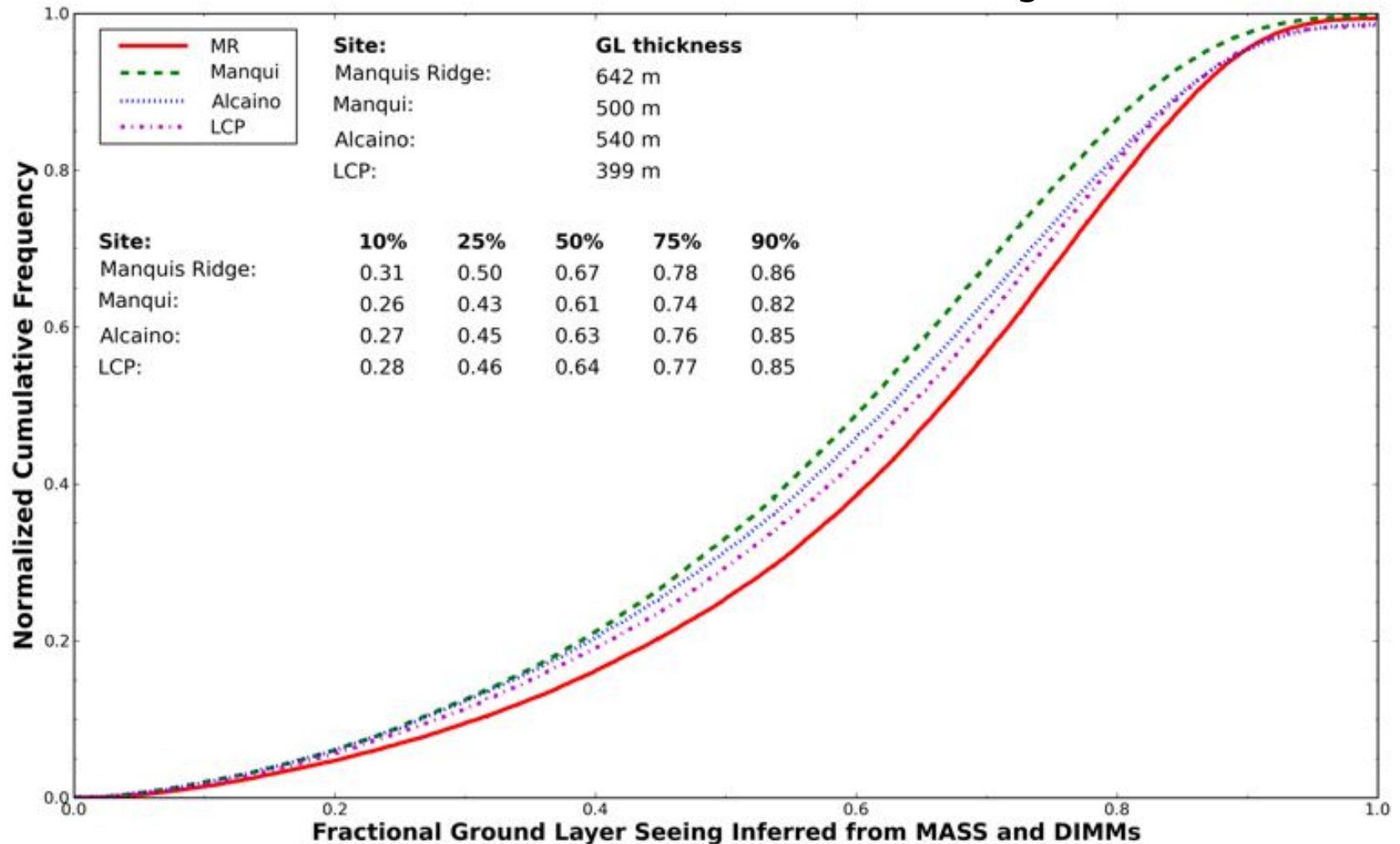
Two Years: Nov 2005 - Nov 2007 (318 nights)





# Ground Layer Seeing Fraction

Two Years: Nov 2005 - Nov 2007 (267 nights)





# Turbulence Campaigns Statistics

<b>Instrument (type)</b>	<b>Number of Points</b>	<b>10%</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>90%</b>
SLODAR non-Kolmogorov (total)	1666	0.48	0.58	0.70	0.87	1.03
SLODAR DIMM (total)	1666	0.50	0.60	0.74	0.90	1.06
DIMM (total)	1666	0.52	0.60	0.70	0.85	1.02
SLODAR (free atmosphere)	546	0.27	0.34	0.47	0.61	0.77
MASS (free atmosphere)	546	0.22	0.28	0.39	0.59	0.80
SLODAR (ground layer)	405	0.32	0.40	0.49	0.64	0.76
LuSci (ground layer)	405	0.27	0.32	0.42	0.56	0.68
MASS-DIMM (ground layer)	788	0.27	0.40	0.51	0.67	0.86
MASS-DIMM (boundary layer)	805	0.27	0.41	0.52	0.68	0.89
LuSci (ground layer)	788 or 804	0.28	0.36	0.46	0.63	0.82