



# Weather and Seeing Statistics

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# Weather Station Uptime

	Cum.	2010	2011	2012	2013
E1	94.9	96.6	98.9	97.3	99.9
E2	92.7	97.4	94.7	97.7	93.0
S1	95.5	98.2	96.8	99.0	99.7
S2	93.0	94.2	98.2	92.8	91.7
W1	95.6	99.4	97.1	98.8	93.3
W2	94.3	87.3	97.3	98.8	92.3
L1	61.4	90.9	47.0	30.5	12.9

Table : Weather station uptimes as a percentage of time.



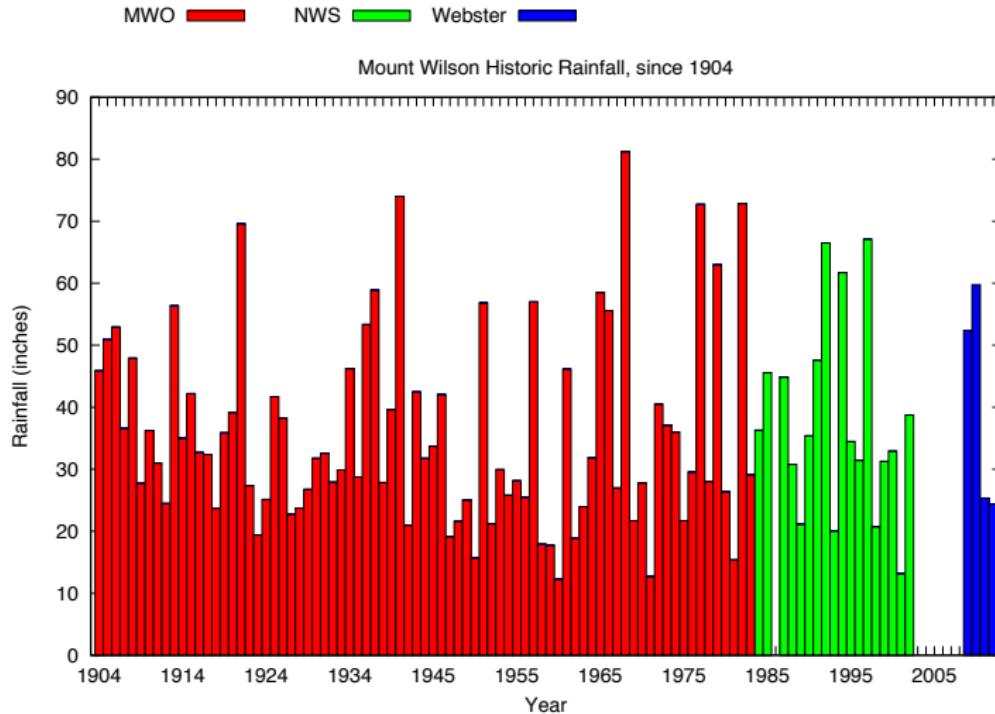
# Cross-year Vital Stats

	2008	2009	2010	2011	2012	2013
Measurable Wind	16.2	19.2	23.2	30.4	35.6	27.5
High Wind <sup>†</sup>	0.2	0.2	0.7	0.5	0.3	0.3
High Humidity <sup>‡</sup>	14.0	16.5	21.6	18.2	15.6	13.5

**Table :** Table entries are percentages of time. Values quoted are the largest of the six bunker weather stations. <sup>†</sup> High wind is defined as being above 20 kph. <sup>‡</sup> High Humidity is defined as being above 90%.

# Rainfall

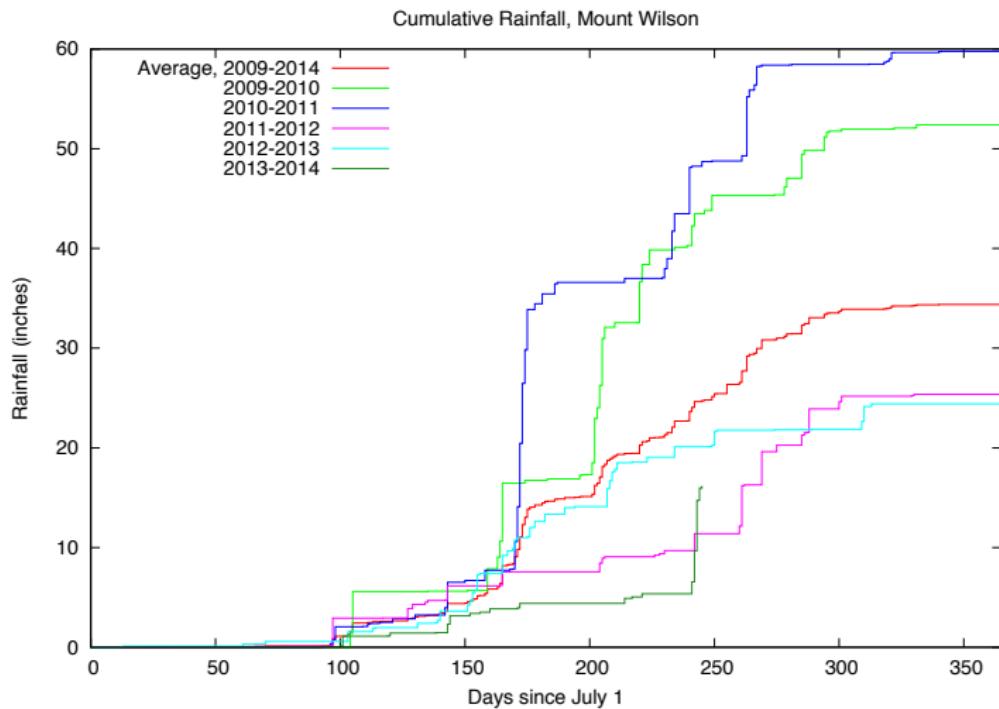
compiled by L. Webster





# Rainfall

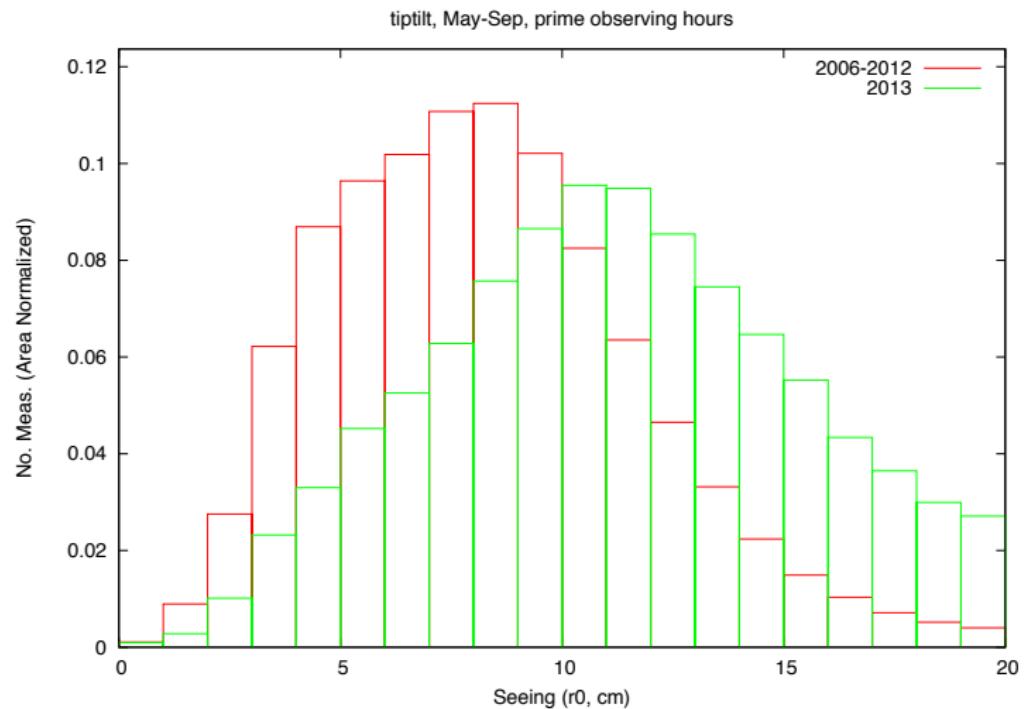
data courtesy of L. Webster





# Seeing

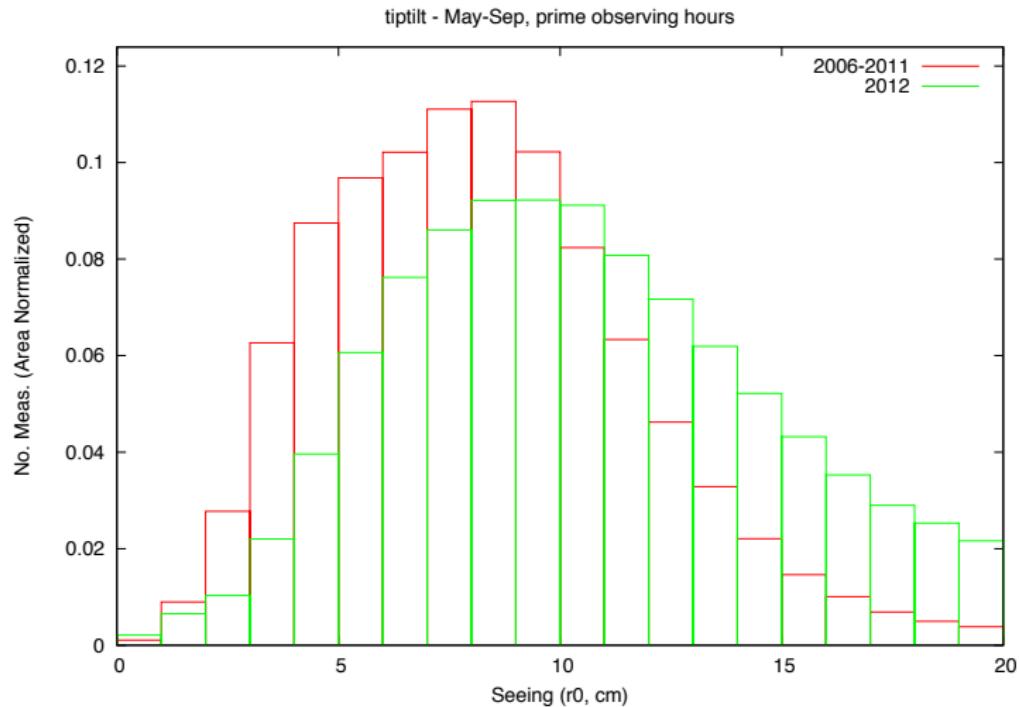
$r_0$  values





# Seeing

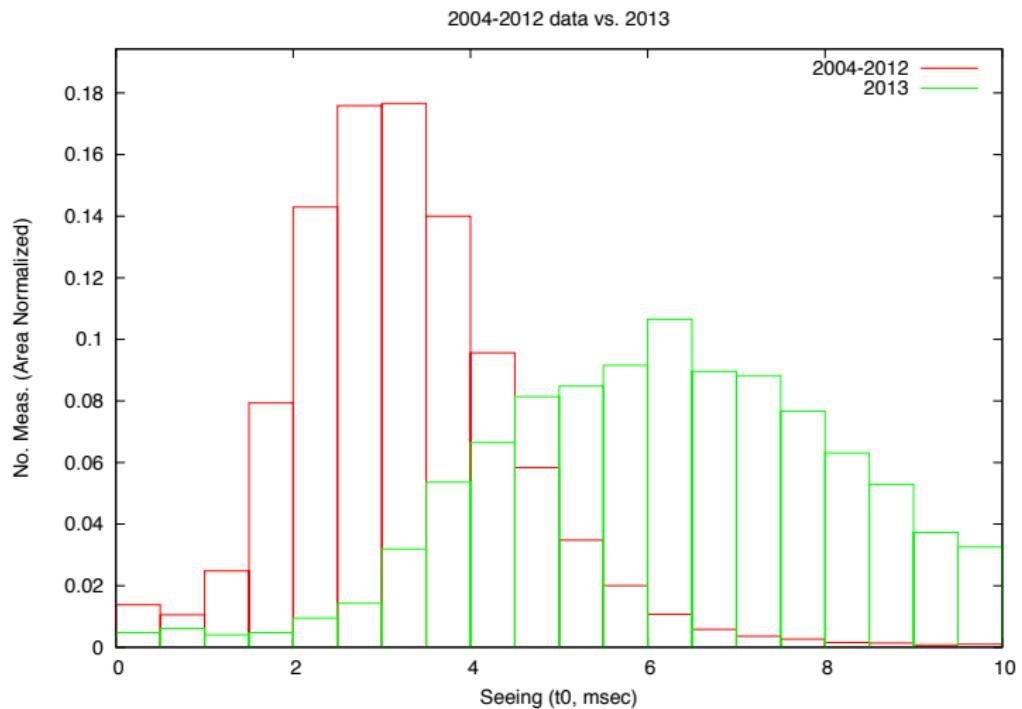
$r_0$  values, last year





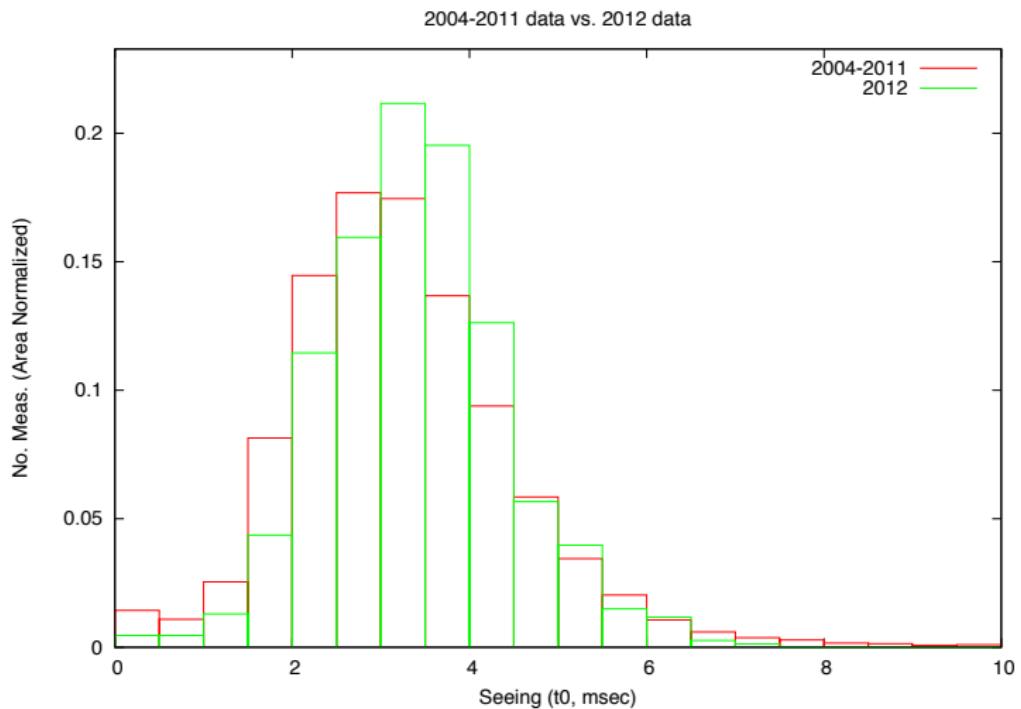
# Seeing

$t_0$  values



# Seeing

$t_0$  values, last year





# Earthquake Weather



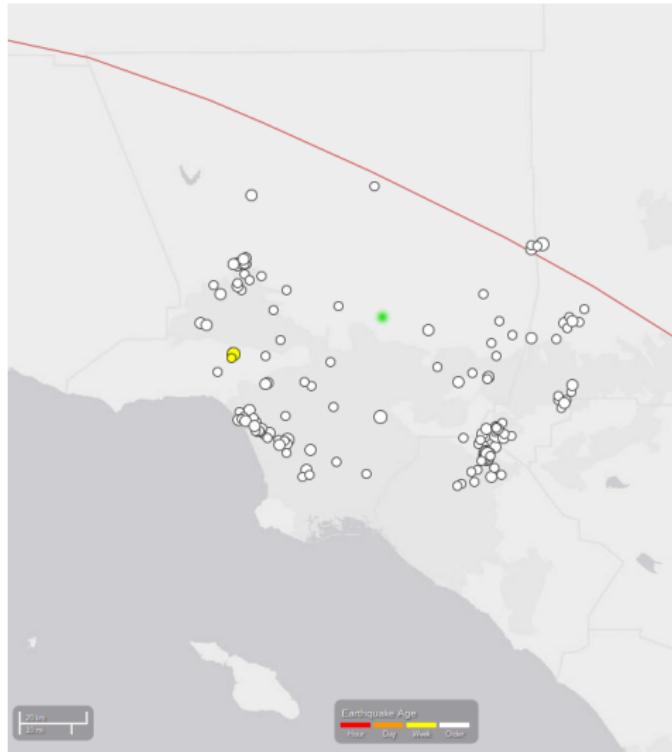
# Earthquake Weather

... it's a complete fabrication!



# Earthquake Weather

data courtesy of USGS



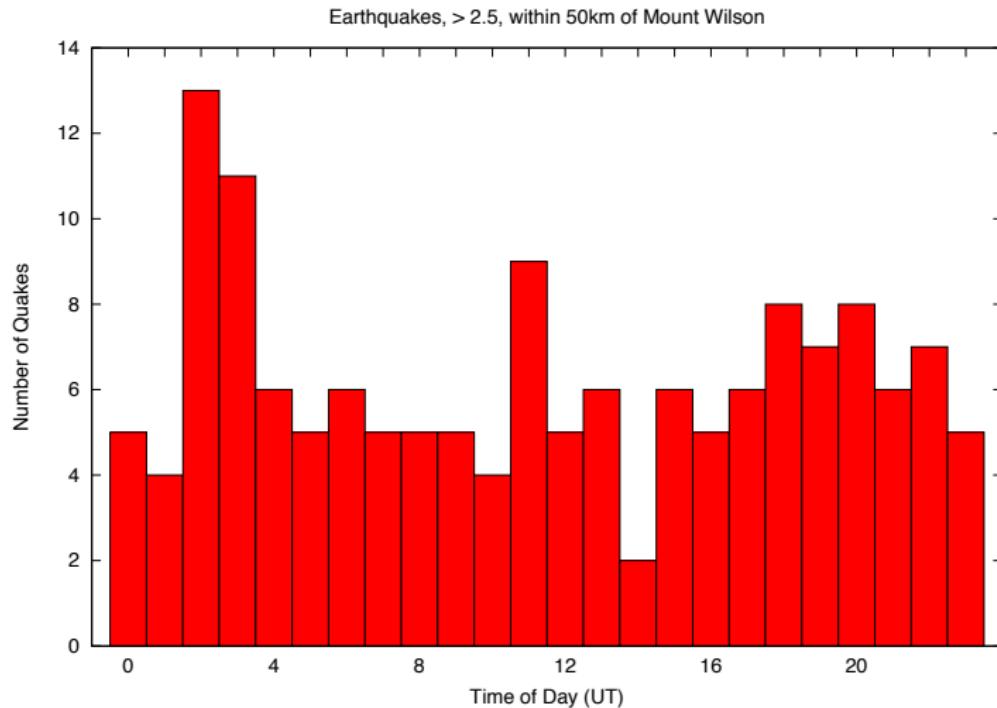


# Earthquake Weather

# Tectonic plates can't read clocks!



# Earthquake Weather



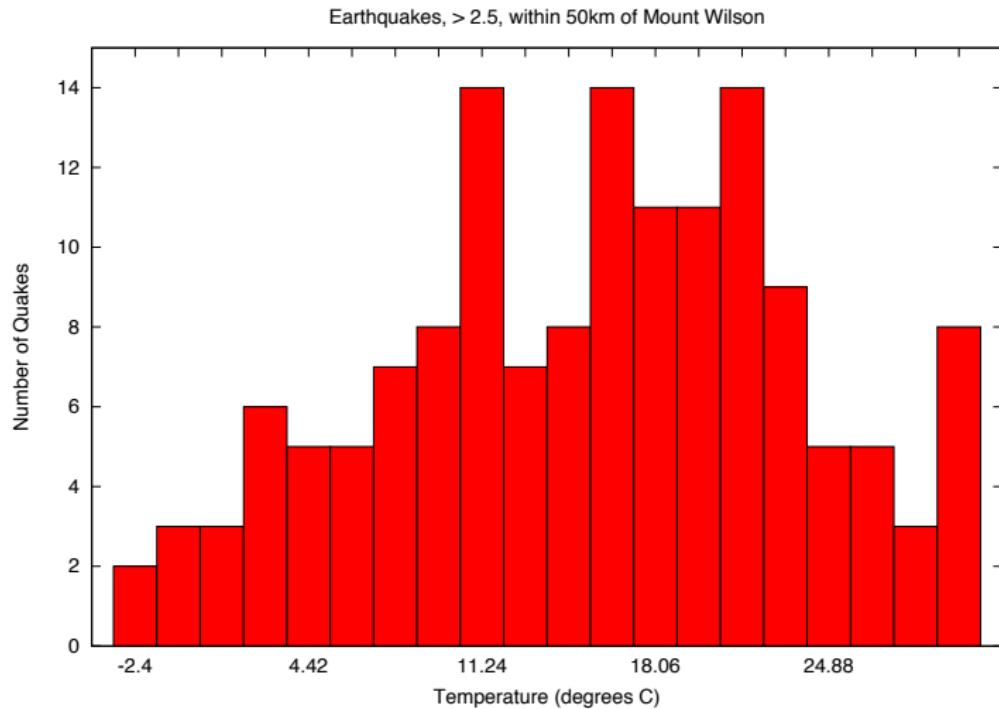


# Earthquake Weather

Weather events don't  
penetrate the crust!



# Earthquake Weather





# Earthquake Weather

