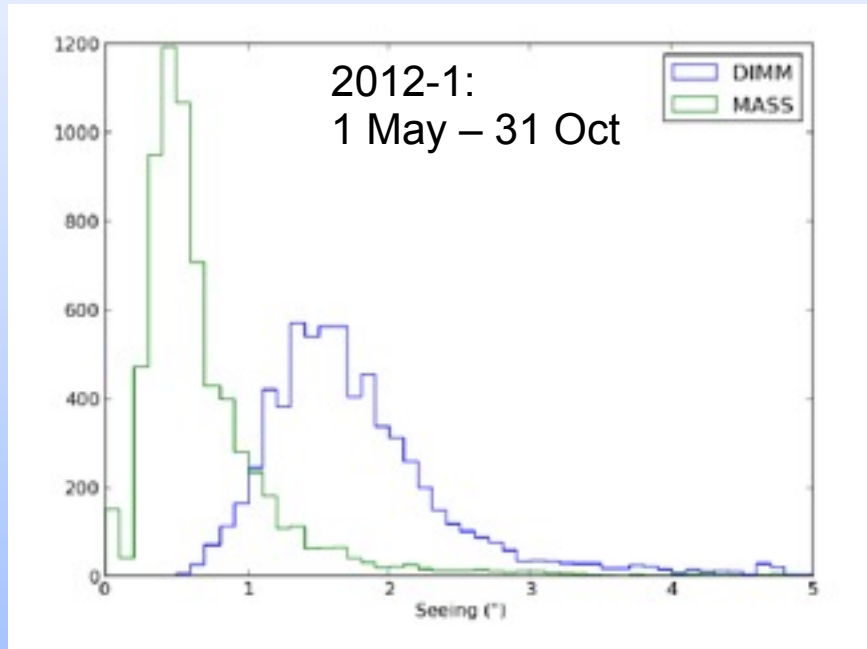


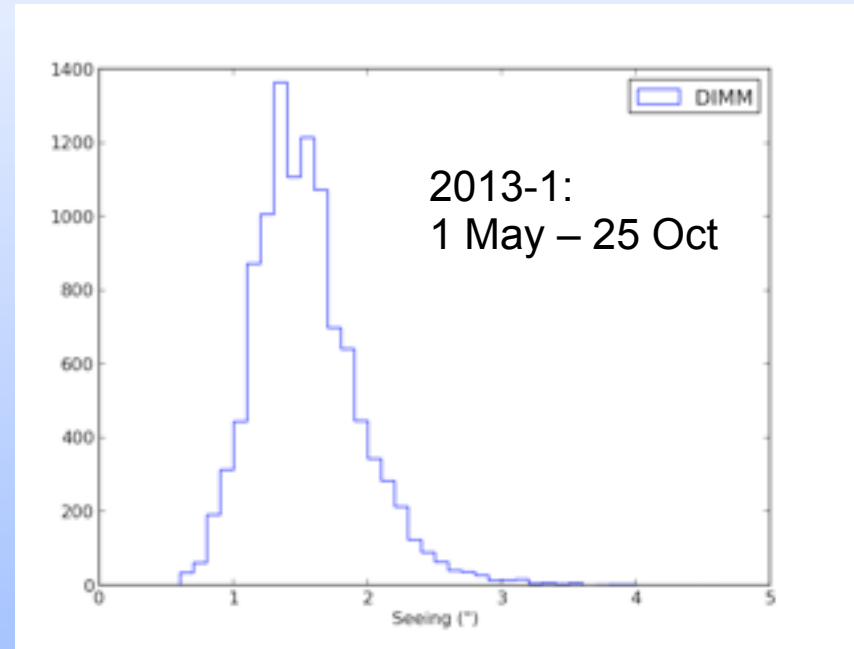


# SALT 2013-1 Semester Report

## seeing



Median = 1.66"



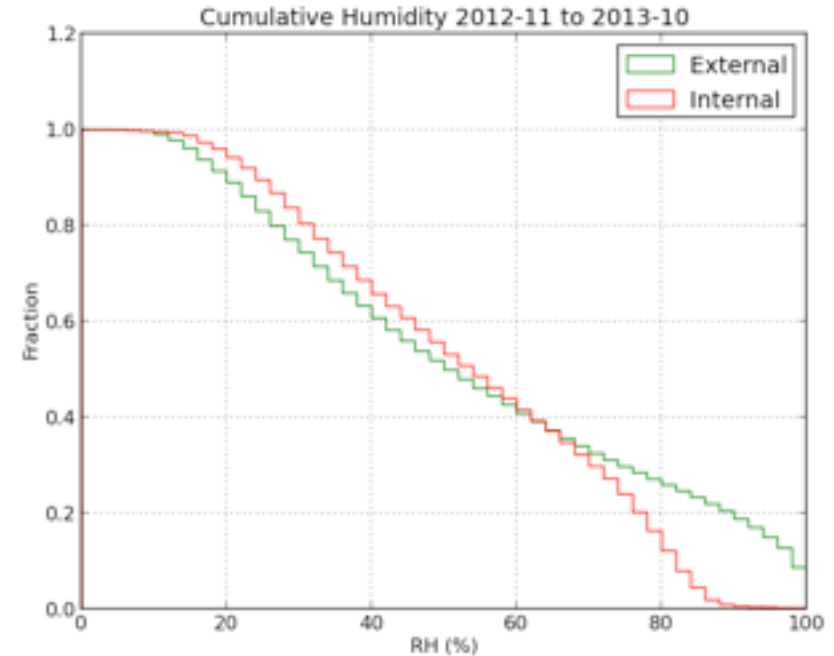
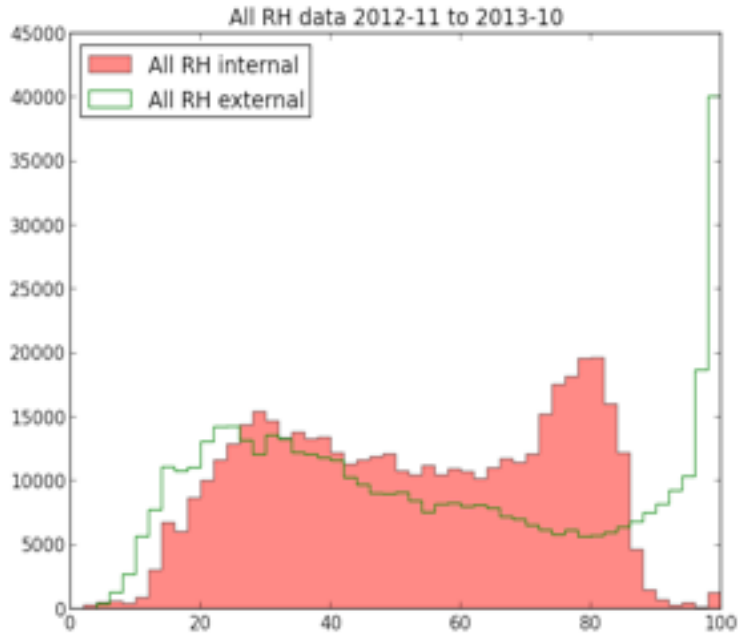
Median = 1.49"

Seeing values consistently worse than expected from long term DIMM measurements:

- Old SAAO DIMM (1994-2000) gave median 0.9"
- New DIMMs (Mar 2010 – Mar 2011) gave median 1.3" (53,938 measurements)
- Difference partly attributed to different exp time (10 ms vs. 3 ms) coupled with mean coherence time of the atmosphere at Sutherland (2.44 ms).



# SALT 2012-1 Semester Report: Relative Humidity

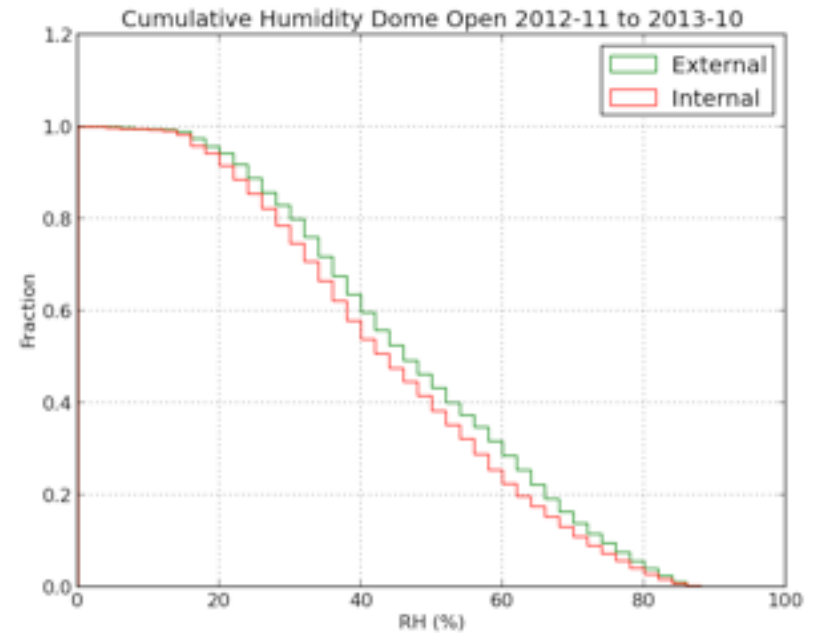
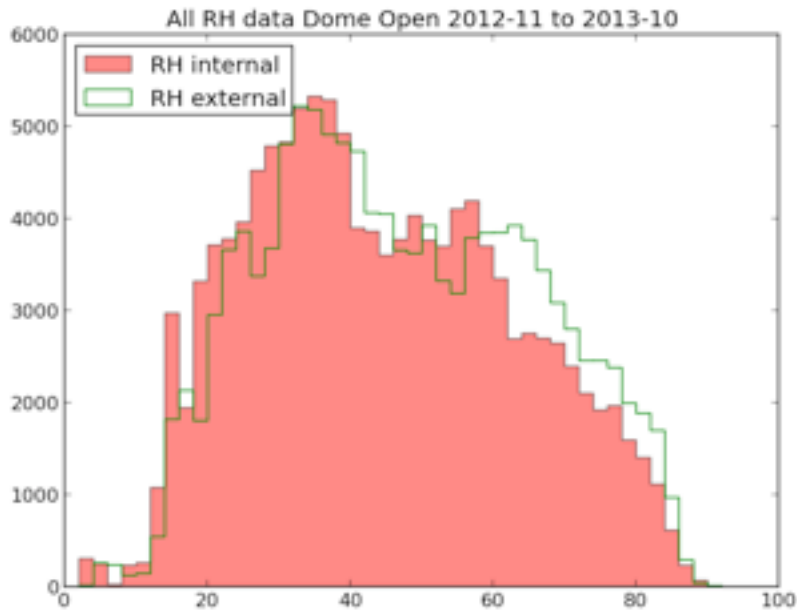


Data for last 12 months (1 Nov 2012 – 30 Oct 2013)

*All data: whether dome open for observing, or not.*



# SALT 2012-1 Semester Report: Relative Humidity



Data for last 12 months (1 Nov 2012 – 30 Oct 2013)

*Operational data: Only when dome open for observing*



# SALT 2013-1 Semester Report: observing statistics

## Observing Statistics for SALT: Semester 2013-1

Month	Median Night Length (h)	Fraction of Science Time	Fraction of Engineering Time	Fraction of Time Lost to Weather	Fraction of Time Lost to Technical Problems	Fraction of Time Charged for Science	Fraction of Shutter Open Time	Shutter Open Efficiency
May 2013	10.73	0.38	0.14	0.34	0.14	0.29	0.23	60%
Jun 2013	11.04	0.27	0.04	0.63	0.05	0.21	0.16	59%
Jul 2013	10.88	0.38	0.07	0.49	0.06	0.26	0.23	61%
Aug 2013	10.27	0.35	0.05	0.52	0.07	0.22	0.18	51%
Sep 2013	9.38	0.53	0.10	0.33	0.05	0.38	0.28	55%
<b>Mean</b>	10.46	0.38	0.08	0.46	0.08	0.27	0.21	55%
<i>Spec</i>		<i>0.55</i>	<i>0.07</i>	<i>0.35</i>	<i>0.03</i>			

*Previous semester 2012-1 (May 2012 – Oct 2012):*

<b>Average</b>	10.08	49%	7%	6%	38%
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# SALT 2013-2 Semester Report: completion statistics

Priority Class	# of blocks	Awarded Time (h)	Charged Time (h)	% planned completion (for 55% sci)	% expected completion (for 41% sci)	% actual completed	Average block comp %	% of blocks with $\geq X\%$ completed	
								X $\geq$ 80%	X $\geq$ 50%
All	193	1404.9	477.8	67%	49%	34%	52%	37%	46%
P0	10	45.6	25.1	100%	74%	61%	60%	60%	60%
P1	48	146.6	106.6	100%	74%	73%	66%	58%	65%
P2	67	286.9	179.0	100%	74%	62%	56%	43%	58%
P3	68	925.7	167.1	50%	37%	18%	25%	13%	18%



# SALT 2013-1 Semester Report: completion statistics

<b>Priority Class</b>	<b>Original Expectation (for 55% science avail)</b>	<b>Revised Expectation (for 41% science avail)</b>	<b>Actual</b>	<b>Success Rate</b>
All	67%*	49%	34%	69%
P0	100%	74%	64%	86%
P1	100%	74%	73%	99%
P2	100%	74%	62%	84%
P3	50%*	37%	18%	49%



# SALT 2013-2 Semester: revised allocations

<b>Priority Class</b>	<b>observing fraction</b>	<b>oversubscription factor</b>	<b>allocated fraction</b>	<b>Expected completion</b>
P0+P1	30%	1 (none)	26%	100%
P2	40%	1 (none)	35%	100%
P3	30%	1.5 (50%)	39%	67%
Total	100%	1.15 (15%)	100%	87%