



Submillimeter Telescope Observatory

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MEMORANDUM

To: All SMT
From: Thomas W. Folkers
Date: October 17, 2000
Subject: **Computer Room AC and Doors.**

I am writing this memo to remind everyone that the doors to the computer room at the SMT must remain closed at all times. Short of a complete air conditioning failure. I have spent a good deal of time in the last few weeks trying to get a handle on the wildly fluctuating temperatures in the computer room and I thought I had it figured out. The temperature seem to be getting vary stable, at least for the days leading up to October 13th. That's when the room temperatures went crazy. Now it appears that, for whatever reason, someone propped open the doors to and from the computer room and placed fans in the doorways to cool the room. This is all well and good if the AC unit is broken, but it does nothing to insure that the temperature in the computer room remains stable. That can only happen with the aid of a thermostatically controlled AC unit.

I am inclosing plots of the computer room and AOS Chiller temperatures. Please note how much more stable the room and AOS temperatures were before the doors were opened.

So please, in the future, insure that the doors remain closed. This is the only way we can keep the equipment at a constant temperature.

Thanks

Thomas Folkers