

Thermocouple locations for the September 19 , 20 Foot Heating Test

Gustafson, Chou, Tomlin

Here are pre-heat TC's. MP8T16 is in the north tunnel and has weeks of plot-able data. Looks kind of messed up here.

The 20 foot pipe is in the south lab, under the 40 meter cavity.

The 20 foot pipe shows some initial installation noise when Dick was pulling them through cable trays.

Next is an overnight of small temperature spikes every 1hr 55min. Maybe useful to Jim Volk.

The hash in the second box is Jim Volk and I confirming hook-ups;

TC1= E:MP8T13 between inner and outer insulations, under the Mylar, 5' North of S end, bottom.

TC2 = E:MP8T14 83.25" North of S end, on top of pipe, under 4" insulation.

TC3= E:MP8T15 36" North of S end, bottom of pipe, under 4" insulation.

1st pipe stand is 30.75' North of S end.

TC4= E:MP8T09 5.75" North of S end, on top of pipe, under 4" insulation.

TC5= E:MP8T10 On aisle side of pump-out Tee, 3.5" from north end of Tee. under 4" insulation

Mid pipe stand is 103" from the north end.

TC6= E:MP8T11 94" from north end on bottom, under 4" insulation.

TC7= E:MP8T12 6.5" from North end, on top, under 4" insulation

TC8= E:MP8T05 taped under the mid pipe support, uninsulated.

North pipe stand is 19" South of North end.

E:MP8T16 is ambient in the north tunnel at the electronics rack.

Thermocouples were placed on the 16th and insulated. Temps fell slowly over the weekend.

