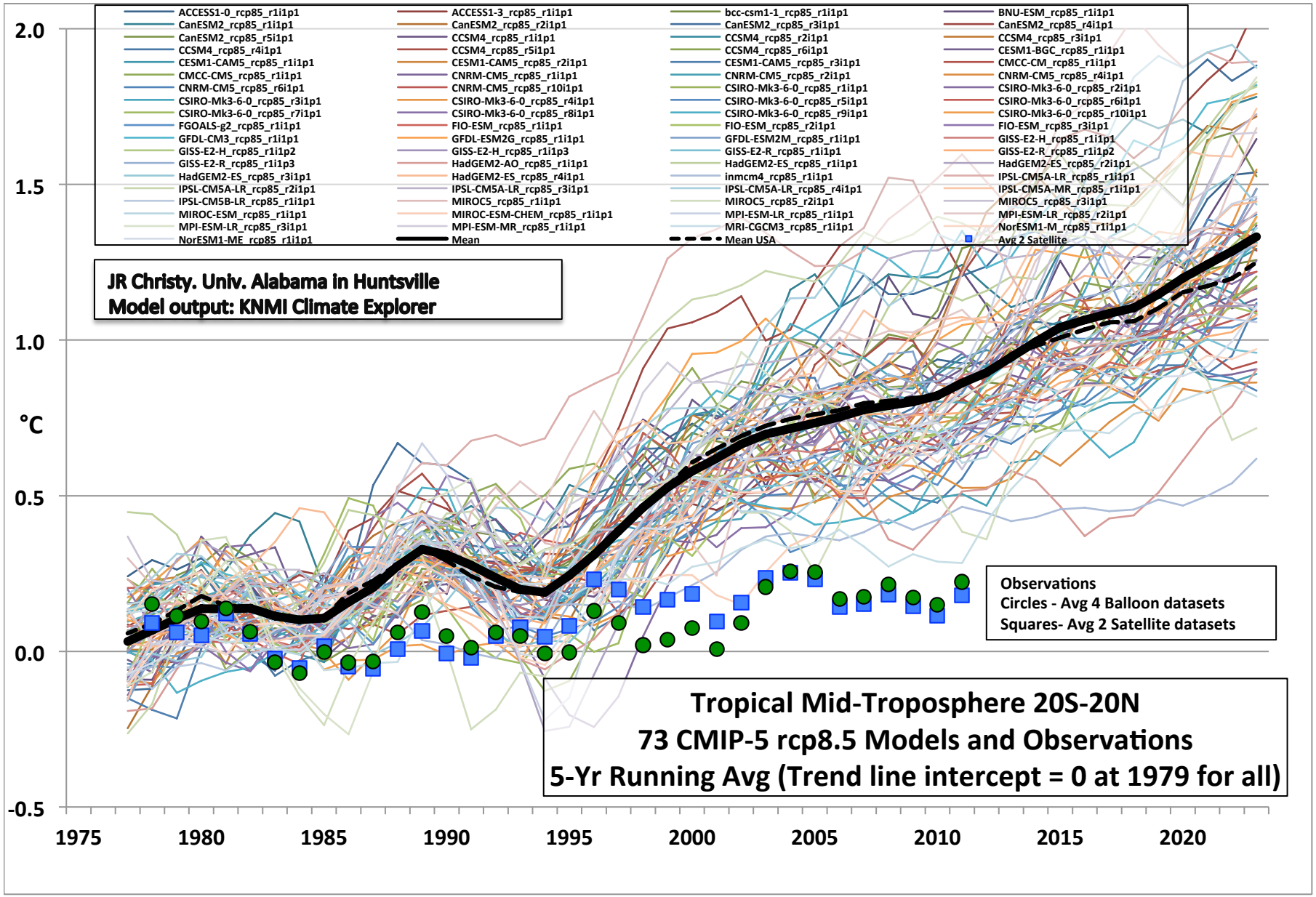
ACCESS1-0_rcp85_r1i1p1
ACCESS1-3_rcp85_r1i1p1
bcc-csm1-1_rcp85_r1i1p1
BNU-ESM_rcp85_r1i1p1
CanESM2_rcp85_r1i1p1
CanESM2_rcp85_r2i1p1
CanESM2_rcp85_r3i1p1
CanESM2_rcp85_r4i1p1
CanESM2_rcp85_r5i1p1
CCSM4_rcp85_r1i1p1
CCSM4_rcp85_r2i1p1
CCSM4_rcp85_r3i1p1
CCSM4_rcp85_r4i1p1
CCSM4_rcp85_r5i1p1
CCSM4_rcp85_r6i1p1
CESM1-BGC_rcp85_r1i1p1
CESM1-CAM5_rcp85_r1i1p1
CESM1-CAM5_rcp85_r2i1p1
CESM1-CAM5_rcp85_r3i1p1
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CMCC-CMS_rcp85_r1i1p1
CNRM-CM5_rcp85_r1i1p1
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CNRM-CM5_rcp85_r10i1p1
CSIRO-Mk3-6-0_rcp85_r1i1p1
CSIRO-Mk3-6-0_rcp85_r2i1p1
CSIRO-Mk3-6-0_rcp85_r3i1p1
CSIRO-Mk3-6-0_rcp85_r4i1p1
CSIRO-Mk3-6-0_rcp85_r5i1p1
CSIRO-Mk3-6-0_rcp85_r6i1p1
CSIRO-Mk3-6-0_rcp85_r7i1p1
CSIRO-Mk3-6-0_rcp85_r8i1p1
CSIRO-Mk3-6-0_rcp85_r9i1p1
CSIRO-Mk3-6-0_rcp85_r10i1p1
FGOALS-g2_rcp85_r1i1p1
FIO-ESM_rcp85_r1i1p1
FIO-ESM_rcp85_r2i1p1
FIO-ESM_rcp85_r3i1p1
GFDL-CM3_rcp85_r1i1p1
GFDL-ESM2G_rcp85_r1i1p1
GFDL-ESM2M_rcp85_r1i1p1
GISS-E2-H_rcp85_r1i1p1
GISS-E2-H_rcp85_r1i1p2
GISS-E2-H_rcp85_r1i1p3
GISS-E2-R_rcp85_r1i1p1
GISS-E2-R_rcp85_r1i1p2
GISS-E2-R_rcp85_r1i1p3
HadGEM2-AO_rcp85_r1i1p1
HadGEM2-ES_rcp85_r1i1p1
HadGEM2-ES_rcp85_r2i1p1
HadGEM2-ES_rcp85_r3i1p1
HadGEM2-ES_rcp85_r4i1p1
inmcm4_rcp85_r1i1p1
IPSL-CM5A-LR_rcp85_r1i1p1
IPSL-CM5A-LR_rcp85_r2i1p1
IPSL-CM5A-LR_rcp85_r3i1p1
IPSL-CM5A-LR_rcp85_r4i1p1
IPSL-CM5A-MR_rcp85_r1i1p1
IPSL-CM5B-LR_rcp85_r1i1p1
MIROC5_rcp85_r1i1p1
MIROC5_rcp85_r2i1p1
MIROC5_rcp85_r3i1p1
MIROC-ESM_rcp85_r1i1p1
MIROC-ESM-CHEM_rcp85_r1i1p1
MPI-ESM-LR_rcp85_r1i1p1
MPI-ESM-LR_rcp85_r2i1p1
MPI-ESM-LR_rcp85_r3i1p1
MPI-ESM-MR_rcp85_r1i1p1
MRI-CGCM3_rcp85_r1i1p1
NorESM1-M_rcp85_r1i1p1
NorESM1-ME_rcp85_r1i1p1
Mean
Mean USA
Avg 2 Satellite
JR Christy. Univ. Alabama in Huntsville
Model output: KNMI Climate Explorer
2.0
1.5
1.0
°C
0.5
0.0
-0.5
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
Observations
Circles - Avg 4 Balloon datasets
Squares- Avg 2 Satellite datasets
Tropical Mid-Troposphere 20S-20N
73 CMIP-5 rcp8.5 Models and Observations
5-Yr Running Avg (Trend line intercept = 0 at 1979 for all)