**MODELS LIST: NIÑO3 AND NIÑO4 INDICES**

**(based on monthly SST (‘TOS’) data)**

**Maggie’s notes**

**13/11/12**

**BOLD = Z files available in /misc/mmh01/CMIP5\_Z**

**15/11/12**

**All Z files are available (except for FGOALS-s2 historical run).**

**PI-CONTROL runs (33 models available; 100 years each)**

**ACCESS1.0** r1i1p1 0550-0649

**ACCESS1.3**  r1i1p1 0250-0349

**BCC-CSM1.1** r1i1p1 0001-0100

**CCSM4** r1i1p1 0800-0899

**CESM1(BGC)** r1i1p1 0101-0200

**CESM1(FASTCHEM)** r1i1p1 0070-0169

**CESM1(WACCM)** r1i1p1 0096-0195

**CMCC-CESM** r1i1p1 4324-4423

**CMCC-CMS** r1i1p1 3684-3783

**CNRM-CM5** r1i1p1 1850-1949

**CSIRO-Mk3.6.0** r1i1p1 0001-0100

**CanESM2** r1i1p1 2015-2114

**FIO-ESM** r1i1p1 0401-0500

**GFDL-CM3** r1i1p1 0001-0100

**GFDL-ESM2m** r1i1p1 0001-0100

**GFDL-ESM2g** r1i1p1 0001-0100

**GISS-E2-H** r1i1p1 1180-1279

**GISS-E2-H-CC** r1i1p1 2081-2180

**GISS-E2-R** **r1i1p2** 3590-3689

**GISS-E2-R-CC** r1i1p1 2050-2149

**HADGEM2-CC** r1i1p1 1860-1959

**HADGEM2-ES** r1i1p1 1860-1959

**INMCM4** r1i1p1 1850-1949

**IPSL-CM5A-LR** r1i1p1 1800-1899

**IPSL-CM5A-MR** r1i1p1 1800-1899

**IPSL-CM5B-LR** r1i1p1 1830-1929

**MIROC5** r1i1p1 2000-2099

**MPI-ESM-LR** r1i1p1 1850-1949

**MPI-ESM-MR** r1i1p1 1850-1949

**MPI-ESM-P** r1i1p1 1850-1949

**MRI-CGCM3** r1i1p1 2251-2350

**NORESM1-M** r1i1p1 0700-0799

**NORESM1-ME** r1i1p1 0901-1000

**HISTORICAL runs (38 models available; 1951-2005)**

**ACCESS1.0** r1i1p1 1951-2005

**ACCESS1.3** r1i1p1 1951-2005

**BCC-CSM1.1** r1i1p1 1951-2005

**BCC-CSM1.1-m** r1i1p1 1951-2005

**CCSM4** r1i1p1 1951-2005

**CESM1(BGC)** r1i1p1 1951-2005

**CESM1(CAM5)** r1i1p1 1951-2005

**CESM1(FASTCHEM)** r1i1p1 1951-2005

**CESM1(WACCM)** r1i1p1 1951-2005

**CMCC-CESM** r1i1p1 1951-2005

**CMCC-CM** r1i1p1 1951-2005

**CMCC-CMS** r1i1p1 1951-2005

**CNRM-CM5** **r2i1p1** 1951-2005

**CSIRO-Mk3.6.0** r1i1p1 1951-2005

**CanCM4** r1i1p1 **1961-2005**

**CanESM2** r1i1p1 1951-2005

**FGOALS-g2** r1i1p1 1951-2005

FGOALS-s2 r1i1p1 **1951-2004**

**GFDL-CM2p1** **r2i1p1** 1951-2005

**GFDL-ESM2G** r1i1p1 1951-2005

**GFDL-ESM2M** r1i1p1 1951-2005

**GISS-E2-H** **r1i1p2** 1951-2005

**GISS-E2-H-CC** r1i1p1 1951-2005

**GISS-E2-R** **r1i1p3** 1951-2005

**GISS-E2-R-CC** r1i1p1 1951-2005

**HadCM3** **r2i1p1** 1951-2005

**HadGEM-AO** r1i1p1 1951-2005

**HadGEM2-CC** r1i1p1 **1959-2005**

**HadGEM2-ES** r1i1p1 1951-2005

**INMCM4** r1i1p1 1951-2005

**IPSL-CM5A-LR** r1i1p1 1951-2005

**IPSL-CM5A-MR** r1i1p1 1951-2005

**IPSL-CM5B-LR** r1i1p1 1951-2005

**MIROC5** r1i1p1 1951-2005

**MPI-ESM-LR** r1i1p1 1951-2005

**MRI-CGCM3** r1i1p1 1951-2005

**NorESM1-M** r1i1p1 1951-2005

**NorESM1-ME** r1i1p1 1951-2005