

Simulation Name	Q _{nAI}	Q _{nP}
ACCESS-CM2_r1i1p1f1	10.8	5.4
ACCESS-ESM1-5_r1i1p1f1	13.4	0.2
AWI-CM-1-1-MR_r1i1p1f1	14.2	2.0
AWI-ESM-1-1-LR_r1i1p1f1	6.8	-0.8
BCC-CSM2-MR_r1i1p1f1	3.5	-4.9
BCC-CSM2-MR_r2i1p1f1	4.6	-3.0
BCC-CSM2-MR_r3i1p1f1	5.6	-4.9
BCC-ESM1_r1i1p1f1	3.5	-10.6
BCC-ESM1_r2i1p1f1	2.7	-10.4
BCC-ESM1_r3i1p1f1	3.2	-9.5
CAMS-CSM1-0_r1i1p1f1	4.8	-2.4
CAS-ESM2-0_r1i1p1f1	12.5	2.0
CESM2-FV2_r1i1p1f1	0.7	1.6
CESM2-WACCM-FV2_r1i1p1f1	0.7	4.8
CESM2-WACCM_r1i1p1f1	0.8	0.4
CESM2-WACCM_r2i1p1f1	1.0	1.7
CESM2-WACCM_r3i1p1f1	0.9	1.6
CESM2_r10i1p1f1	0.1	3.3
CESM2_r1i1p1f1	0.3	2.7
CESM2_r2i1p1f1	-0.1	3.0
CESM2_r3i1p1f1	0.0	2.5
CESM2_r4i1p1f1	0.2	2.2
CESM2_r5i1p1f1	0.3	2.5
CESM2_r6i1p1f1	-0.2	3.4
CESM2_r7i1p1f1	0.2	2.1
CESM2_r8i1p1f1	-0.2	2.5
CESM2_r9i1p1f1	0.3	2.6
CIesm_r1i1p1f1	7.7	5.1
CMCC-CM2-HR4_r1i1p1f1	5.7	-4.7
CMCC-CM2-SR5_r1i1p1f1	15.0	-3.2
CMCC-ESM2_r1i1p1f1	14.6	-3.3
CNRM-CM6-1-HR_r1i1p1f2	11.4	-5.4
CNRM-CM6-1_r10i1p1f2	14.7	0.2
CNRM-CM6-1_r1i1p1f2	14.6	-0.9
CNRM-CM6-1_r2i1p1f2	14.2	-1.1
CNRM-CM6-1_r3i1p1f2	13.9	0.0
CNRM-CM6-1_r4i1p1f2	14.8	-0.4
CNRM-CM6-1_r5i1p1f2	14.2	-0.6
CNRM-CM6-1_r6i1p1f2	14.2	-0.6
CNRM-CM6-1_r7i1p1f2	14.4	-1.4
CNRM-CM6-1_r8i1p1f2	14.5	-1.3
CNRM-CM6-1_r9i1p1f2	14.0	0.2
CNRM-ESM2-1_r1i1p1f2	16.3	-0.5
CNRM-ESM2-1_r2i1p1f2	16.3	-1.2
CNRM-ESM2-1_r3i1p1f2	16.2	-1.3
CNRM-ESM2-1_r4i1p1f2	15.8	-1.0
CNRM-ESM2-1_r5i1p1f2	16.6	-1.0
CanESM5-CanOE_r1i1p2f1	10.0	-5.9
CanESM5_r1i1p1f1	10.4	-8.0
CanESM5_r1i1p2f1	10.0	-5.9
E3SM-1-0_r1i1p1f1	10.2	1.3
E3SM-1-1-ECA_r1i1p1f1	10.4	0.6
E3SM-1-1_r1i1p1f1	9.8	0.9

EC-Earth3-AerChem_r1i1p1f1	18.3	-2.5
EC-Earth3-CC_r1i1p1f1	18.4	-0.4
EC-Earth3-Veg-LR_r1i1p1f1	18.5	3.0
EC-Earth3-Veg_r1i1p1f1	18.0	4.6
EC-Earth3_r1i1p1f1	17.5	2.7
FGOALS-g3_r1i1p1f1	3.8	-5.1
FIO-ESM-2-0_r1i1p1f1	4.1	2.1
GFDL-CM4_r1i1p1f1	6.1	-6.4
GFDL-ESM4_r1i1p1f1	8.7	-5.0
GISS-E2-1-G-CC_r1i1p1f1	0.9	-8.3
GISS-E2-1-G_r10i1p1f1	0.7	-7.4
GISS-E2-1-G_r1i1p1f1	0.2	-6.9
GISS-E2-1-G_r2i1p1f1	1.6	-8.6
GISS-E2-1-G_r3i1p1f1	0.8	-6.8
GISS-E2-1-G_r4i1p1f1	0.5	-7.2
GISS-E2-1-G_r6i1p1f1	0.5	-6.2
GISS-E2-1-G_r7i1p1f1	0.3	-6.6
GISS-E2-1-G_r8i1p1f1	1.0	-6.4
GISS-E2-1-G_r9i1p1f1	0.6	-6.2
GISS-E2-1-H_r10i1p1f1	-1.0	-13.0
GISS-E2-1-H_r1i1p1f1	0.5	-13.2
GISS-E2-1-H_r2i1p1f1	-1.2	-12.6
GISS-E2-1-H_r3i1p1f1	-2.2	-13.8
GISS-E2-1-H_r4i1p1f1	-1.6	-13.4
GISS-E2-1-H_r5i1p1f1	-0.4	-12.7
GISS-E2-1-H_r6i1p1f1	-1.3	-12.2
GISS-E2-1-H_r7i1p1f1	-0.9	-13.0
GISS-E2-1-H_r8i1p1f1	-0.2	-12.1
GISS-E2-1-H_r9i1p1f1	-1.8	-12.9
GISS-E2-2-H_r1i1p1f1	-2.8	-21.6
HadGEM3-GC31-LL_r1i1p1f3	14.7	-1.0
HadGEM3-GC31-LL_r2i1p1f3	14.8	-0.2
HadGEM3-GC31-LL_r3i1p1f3	13.3	-0.4
HadGEM3-GC31-LL_r4i1p1f3	14.0	-0.4
HadGEM3-GC31-LL_r5i1p1f3	13.5	0.1
HadGEM3-GC31-MM_r1i1p1f3	13.4	-6.4
HadGEM3-GC31-MM_r2i1p1f3	12.1	-3.2
HadGEM3-GC31-MM_r3i1p1f3	12.7	-3.4
HadGEM3-GC31-MM_r4i1p1f3	12.6	-2.2
IITM-ESM_r1i1p1f1	17.6	4.2
INM-CM4-8_r1i1p1f1	10.3	-5.1
INM-CM5-0_r1i1p1f1	12.4	-15.2
IPSL-CM6A-LR-INCA_r1i1p1f1	11.5	-4.2
IPSL-CM6A-LR_r1i1p1f1	10.9	-1.2
IPSL-CM6A-LR_r2i1p1f1	12.1	-3.9
IPSL-CM6A-LR_r3i1p1f1	11.7	-4.4
IPSL-CM6A-LR_r4i1p1f1	11.7	-4.0
IPSL-CM6A-LR_r5i1p1f1	11.1	-2.9
IPSL-CM6A-LR_r6i1p1f1	11.6	-4.1
IPSL-CM6A-LR_r7i1p1f1	11.7	-3.9
IPSL-CM6A-LR_r8i1p1f1	11.8	-5.1
IPSL-CM6A-LR_r9i1p1f1	11.7	-4.1
KACE-1-0-G_r1i1p1f1	12.4	5.0
MIROC-ES2L_r1i1p1f2	14.5	-11.9

MIROC6_r10i1p1f1	10.1	-5.8
MIROC6_r1i1p1f1	10.6	-6.9
MIROC6_r2i1p1f1	10.5	-7.0
MIROC6_r3i1p1f1	10.8	-6.8
MIROC6_r4i1p1f1	10.6	-6.5
MIROC6_r5i1p1f1	10.4	-6.2
MIROC6_r6i1p1f1	10.6	-5.9
MIROC6_r7i1p1f1	10.2	-6.2
MIROC6_r8i1p1f1	10.6	-6.5
MIROC6_r9i1p1f1	10.2	-7.4
MPI-ESM1-2-HAM_r1i1p1f1	15.5	3.2
MPI-ESM1-2-HR_r1i1p1f1	12.9	3.1
MPI-ESM1-2-LR_r1i1p1f1	14.0	2.1
MRI-ESM2-0_r1i1p1f1	-1.3	-5.3
MRI-ESM2-0_r2i1p1f1	-0.8	-5.1
MRI-ESM2-0_r3i1p1f1	-1.3	-4.8
MRI-ESM2-0_r4i1p1f1	-1.2	-5.1
MRI-ESM2-0_r5i1p1f1	-0.8	-5.3
NESM3_r1i1p1f1	3.8	-7.3
NorCPM1_r1i1p1f1	-0.5	-15.3
NorESM2-LM_r1i1p1f1	8.8	-6.5
NorESM2-MM_r1i1p1f1	9.1	-8.9
SAM0-UNICON_r1i1p1f1	5.0	1.4
TaiESM1_r1i1p1f1	4.3	7.4
UKESM1-0-LL_r10i1p1f2	14.3	-4.2
UKESM1-0-LL_r11i1p1f2	10.5	-2.5
UKESM1-0-LL_r12i1p1f2	12.7	-4.3
UKESM1-0-LL_r13i1p1f2	11.7	-3.4
UKESM1-0-LL_r14i1p1f2	14.4	-5.5
UKESM1-0-LL_r15i1p1f2	11.9	-4.0
UKESM1-0-LL_r16i1p1f2	12.9	-2.9
UKESM1-0-LL_r17i1p1f2	14.7	-6.0
UKESM1-0-LL_r18i1p1f2	12.7	-3.6
UKESM1-0-LL_r19i1p1f2	13.2	-5.1
UKESM1-0-LL_r1i1p1f2	13.1	-3.9
UKESM1-0-LL_r2i1p1f2	12.2	-3.2
UKESM1-0-LL_r3i1p1f2	11.9	-4.2
UKESM1-0-LL_r4i1p1f2	12.7	-4.0
UKESM1-0-LL_r5i1p1f3	13.4	-4.1
UKESM1-0-LL_r6i1p1f3	12.5	-3.3
UKESM1-0-LL_r7i1p1f3	11.3	-3.4
UKESM1-0-LL_r8i1p1f2	13.9	-3.9
UKESM1-0-LL_r9i1p1f2	11.5	-3.4
UKESM1-1-LL_r1i1p1f2	13.3	-3.7

Table 1. CMIP6 Historical Simulation Name and Values for the Mean Net Heat Flux in the Atlantic/Indian sector (Q_{nAI}) and Pacific sector (Q_{nP}). Units Wm^{-2} . For CMIP model details see Eyring et al. (2016).