

Supplementary Information

Table S1 List of 37 catchments with their drainage area, mean daily discharge (Qmean), mean daily precipitation (Pmean) and discharge to precipitation ratio (Q-to-P ratio) for the period 1976-2005.

Code	Station	Waterbody	Lat	Lon	Area [km ²]	Qmean [m ³ /s]	Pmean [mm]	Q-to-P ratio
6013	Charleville	Dee	53.856	-6.414	309	4.29	2.42	0.50
6014	Tallanstown	Glyde	53.921	-6.55	270	4.40	2.52	0.56
7009	Navan Weir	Boyne	53.644	-6.672	1658	24.54	2.44	0.52
7012	Slane Castle	Boyne	53.707	-6.562	2408	38.80	2.49	0.56
12001	Scarrawalsh	Slaney	52.549	-6.55	1031	21.22	3.00	0.59
14007	Derrybrock	Stradbally	53.039	-7.085	115	1.57	2.50	0.47
15003	Dinin Bridge	Dinin	52.715	-7.292	140	5.77	2.81	1.27
15006	Brownsbarn	Nore	52.501	-7.092	2418	40.70	2.68	0.54
15007	Kilbricken	Nore	52.959	-7.462	340	7.50	3.11	0.61
16008	New Bridge	Suir	52.459	-7.998	1090	24.12	2.85	0.67
16011	Clonmel	Suir	52.352	-7.695	2144	49.29	3.05	0.65
18002	Ballyduff	Blackwater	52.144	-8.052	2334	60.67	3.48	0.65
18003	Killavullen	Blackwater	52.149	-8.515	1257	35.35	3.73	0.65
18006	Cset Mallow	Blackwater	52.127	-8.694	1052	32.16	3.79	0.70
18050	Duarrigle	Blackwater	52.096	-9.097	250	7.72	4.36	0.61
22006	Flesk	Flesk	52.048	-9.498	329	14.18	5.10	0.73
22035	Laune Bridge	Laune	52.062	-9.617	560	27.75	5.41	0.79

23002	Listowel	Feale	52.443	-9.476	647	22.21	3.96	0.75
24008	Castleroberts	Maigue	52.543	-8.767	806	13.04	2.67	0.52
24030	Danganbeg	Deel	52.409	-9.002	259	4.49	2.91	0.52
25002	Barrington	Newport	52.645	-8.475	230	5.77	3.54	0.61
25006	Ferbane	Brosna	53.27	-7.828	1163	16.79	2.52	0.49
25030	Scarriff	Graney	52.908	-8.533	279	8.28	3.27	0.78
25034	Rochfort	L. Ennell Trib	53.466	-7.374	11	0.18	2.69	0.53
26021	Ballymahon	Inny	53.563	-7.758	1099	18.67	2.65	0.55
26058	Ballyrink Br.	Inny Upper	53.776	-7.25	60	1.20	2.74	0.63
27002	Ballycorey	Fergus	52.87	-8.975	511	10.22	3.61	0.48
30007	Ballygaddy	Clare	53.531	-8.874	470	10.24	3.16	0.60
32012	Newport	Newport	53.89	-9.525	146	5.87	4.64	0.75
33001	Glenamoy	Glenamoy	54.24	-9.696	76	2.85	4.45	0.73
34001	Rahans	Moy	54.104	-9.158	1975	54.70	3.65	0.65
35002	Billa Bridge	Owenbeg	54.179	-8.553	81	3.51	4.37	0.86
35005	Ballysadare	Ballysadare	54.209	-8.509	640	17.01	3.48	0.66
36015	Anlore	Finn	54.177	-7.177	153	3.29	2.93	0.63
36019	Belturbet	Erne	54.098	-7.451	1492	28.54	2.84	0.58
38001	Clonconwal	Ownea	54.782	-8.365	111	5.46	5.18	0.82
39009	Aghawoney	Fern O/L	55.044	-7.721	207	8.17	4.34	0.78

Table S2 Median and 90 percent confidence interval of projected changes (percent) in seasonal flows simulated for each catchment using the SMART hydrological model for each future time period and SSP.

Catchment	SSP126								
	DJF								
	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	5.0	39.5	-10.5	5.6	51.9	-7.5	12.2	56.8	-3.4
S06014	4.6	37.0	-10.0	5.5	48.7	-7.1	11.6	53.5	-3.1
S07009	3.2	24.3	-3.9	6.8	34.1	0.1	17.0	38.4	4.9
S07012	2.9	22.4	-3.5	6.2	31.6	0.7	16.2	35.5	4.9
S12001	4.9	18.2	-2.7	9.3	27.5	1.2	20.2	32.1	7.1
S14007	2.9	10.8	-4.8	6.6	17.0	-0.5	16.0	24.0	5.5
S15003	3.5	13.9	-4.0	6.8	21.0	2.4	18.3	26.9	7.3
S15006	3.4	26.5	-4.0	6.8	38.6	1.1	17.5	39.8	5.9
S15007	2.2	23.9	-6.9	4.2	34.9	-1.2	15.3	35.4	2.3
S16008	1.9	21.0	-5.8	4.3	31.9	-1.0	14.5	33.7	1.8
S16011	2.8	21.8	-5.3	5.0	32.9	-0.9	14.6	34.7	2.1
S18002	0.7	35.6	-6.5	3.5	48.9	-2.3	9.0	49.9	2.3
S18003	0.6	34.0	-6.1	3.7	46.8	-2.0	9.5	47.6	2.5
S18006	0.6	33.9	-6.2	3.8	46.4	-2.1	9.6	47.2	2.5
S18050	0.5	32.2	-6.2	3.9	43.7	-2.0	9.6	44.1	2.6
S22006	0.6	33.1	-6.1	4.1	45.1	-2.0	9.9	45.5	2.9
S22035	2.5	31.8	-8.8	6.6	44.4	-6.8	8.3	46.4	1.3
S23002	-0.7	38.1	-7.3	2.7	51.6	-3.0	12.6	52.7	3.9
S24008	-0.5	36.7	-6.9	3.0	49.8	-2.7	13.1	50.7	4.6
S24030	2.2	20.7	-7.4	3.8	31.1	-1.6	14.7	32.1	1.8
S25002	2.3	22.7	-7.3	3.9	33.2	-1.5	14.9	33.2	2.0
S25006	2.8	21.6	-5.4	4.8	32.7	-1.2	15.1	35.2	2.4
S25030	-1.2	38.1	-6.9	2.4	54.0	-1.5	13.9	54.4	1.3
S25034	3.3	20.5	-3.1	6.6	31.3	0.1	16.3	33.5	4.9
S26021	2.9	19.4	-2.9	6.1	29.6	0.2	15.0	31.8	4.2
S26058	1.1	8.7	-3.3	5.5	12.3	0.1	12.2	18.2	4.2
S27002	-0.9	36.5	-5.5	2.7	52.0	-1.1	13.2	52.9	1.2
S30007	-0.6	30.6	-5.6	2.3	45.2	-1.7	11.5	46.0	0.9
S32012	3.7	52.1	-9.7	3.5	70.2	-11.1	11.6	72.0	-2.7
S33001	1.0	67.5	-13.4	-0.7	88.8	-11.6	5.1	89.9	-5.3
S34001	2.5	55.4	-9.3	1.7	73.6	-8.5	7.4	76.2	-6.2
S35002	-1.1	52.5	-13.8	-3.8	71.1	-10.3	3.5	72.6	-7.7
S35005	2.5	13.0	-9.0	3.0	20.3	-7.1	8.6	23.1	-3.4
S36015	-1.5	15.7	-10.6	-0.9	24.3	-8.5	10.9	28.2	-3.5
S36019	3.8	17.9	-8.6	4.9	25.5	-6.9	9.9	30.1	-3.2
S38001	-0.9	13.8	-12.0	-2.4	21.6	-10.0	4.1	23.1	-7.4
S39009	3.6	58.9	-7.8	1.6	77.0	-11.1	12.6	78.8	-4.5

SSP370									
DJF									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	6.5	19.0	-2.1	14.1	33.1	-3.4	14.6	49.1	5.7
S06014	6.3	18.1	-2.1	13.5	32.0	-3.6	13.8	47.0	5.2
S07009	6.0	20.1	-2.5	13.0	32.5	-3.6	15.5	46.9	4.4
S07012	5.7	19.4	-2.4	12.5	31.0	-3.6	14.6	44.9	4.4
S12001	9.4	21.7	-0.3	14.6	24.2	4.6	17.6	39.6	12.8
S14007	7.2	21.3	-7.9	14.0	22.5	4.5	16.7	40.1	12.3
S15003	6.4	21.9	-4.0	12.6	18.3	2.6	17.2	23.7	11.4
S15006	6.4	18.6	-3.8	11.0	18.3	2.5	15.6	22.7	10.7
S15007	5.7	18.2	-3.9	10.2	16.8	2.2	14.6	21.6	9.9
S16008	5.4	21.1	-1.1	10.9	17.9	1.9	16.1	21.1	8.1
S16011	5.6	21.1	-0.9	10.7	18.1	2.1	16.3	21.4	8.2
S18002	4.7	19.6	-1.3	9.5	17.0	1.6	13.9	19.5	7.3
S18003	4.4	19.9	-1.3	9.3	16.5	1.3	13.5	18.9	7.5
S18006	4.2	20.1	-1.4	9.2	16.2	1.0	13.4	18.7	7.5
S18050	3.8	19.7	-1.1	8.7	15.1	-0.9	12.8	17.5	3.5
S22006	4.3	19.7	-0.8	9.1	15.5	-0.7	13.2	18.3	3.8
S22035	4.2	18.9	-0.5	9.5	16.8	-0.7	13.2	19.3	3.5
S23002	4.5	21.0	-1.5	10.2	17.6	1.0	14.4	20.5	7.9
S24008	4.4	21.5	-1.5	10.2	17.1	0.8	14.3	20.0	8.3
S24030	5.8	21.5	-1.4	11.0	16.9	1.0	15.7	20.6	8.0
S25002	6.0	17.6	-1.2	9.6	15.8	1.1	13.9	20.7	8.1
S25006	4.3	17.8	-8.0	11.9	20.8	-3.4	12.0	37.4	4.6
S25030	4.8	18.0	-1.1	9.3	16.9	-1.6	12.6	20.6	6.5
S25034	4.7	16.7	-7.2	11.9	21.8	-3.0	12.3	37.8	4.4
S26021	4.0	15.9	-7.1	10.8	20.8	-3.5	11.6	36.0	3.7
S26058	3.9	17.6	-7.3	12.0	19.9	-3.4	13.3	34.9	3.9
S27002	4.9	17.2	-1.0	9.1	17.3	-2.1	12.3	20.2	5.8
S30007	5.0	16.0	-6.1	10.9	17.4	-3.5	10.9	30.2	1.7
S32012	2.5	14.1	-5.8	9.9	15.7	-5.4	8.4	26.8	0.3
S33001	3.3	16.5	-6.6	11.4	16.0	-3.3	9.0	26.7	1.8
S34001	3.4	14.0	-4.7	11.1	16.8	-5.8	10.9	29.9	0.6
S35002	3.8	14.6	-6.7	10.5	15.9	-4.8	10.0	26.4	1.2
S35005	2.3	14.5	-7.3	9.1	14.9	-3.5	9.2	27.5	4.3
S36015	3.4	18.2	-8.1	11.8	17.7	-3.1	11.0	32.5	6.1
S36019	2.9	15.9	-7.2	12.1	19.3	-4.0	10.7	34.4	4.0
S38001	1.4	12.7	-6.4	8.6	13.5	-4.8	6.9	24.6	1.0
S39009	0.9	12.3	-5.7	9.2	14.4	-5.6	7.2	25.9	-0.2

SSP585									
DJF									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	7.3	14.1	4.2	12.5	20.4	3.2	18.6	29.4	10.4
S06014	6.7	13.0	4.0	11.3	19.0	2.7	17.5	27.3	9.8
S07009	8.5	13.4	4.1	10.8	17.8	3.4	15.7	26.4	10.0
S07012	7.8	11.9	4.2	9.8	16.6	3.1	14.7	24.7	9.3
S12001	8.2	16.8	2.3	11.5	21.1	4.1	17.4	28.5	11.4
S14007	9.2	14.3	4.0	11.6	19.0	3.5	15.9	28.1	9.1
S15003	7.9	11.6	4.3	10.2	17.6	3.1	16.0	26.8	8.6
S15006	7.2	12.4	3.4	10.5	17.8	3.1	16.4	26.3	8.7
S15007	6.2	10.1	3.0	8.8	15.5	2.6	13.7	24.1	7.8
S16008	7.4	10.9	4.5	10.1	16.9	2.4	15.7	23.8	7.6
S16011	8.3	11.9	4.7	11.0	18.2	3.1	16.2	24.7	8.2
S18002	8.6	13.1	3.6	13.0	19.4	2.6	15.7	24.9	2.6
S18003	6.6	12.2	1.5	8.9	18.8	2.1	12.7	24.4	2.3
S18006	6.5	12.1	1.3	8.9	18.6	2.0	12.5	24.3	2.2
S18050	5.8	11.3	0.7	8.3	17.6	1.5	11.4	22.8	1.8
S22006	6.2	11.7	1.0	8.6	18.1	1.7	12.0	23.6	2.5
S22035	6.5	12.6	2.6	9.7	18.4	2.2	10.5	23.6	2.4
S23002	10.1	13.3	4.7	13.2	20.7	4.8	17.0	26.5	9.5
S24008	9.7	12.8	4.8	12.7	20.1	4.5	16.5	26.1	9.3
S24030	8.6	12.0	4.3	11.5	16.6	2.9	13.7	24.6	7.0
S25002	7.4	11.6	3.7	9.7	14.7	2.9	13.0	24.1	7.1
S25006	7.3	13.1	4.9	10.5	17.4	3.6	14.5	26.1	9.9
S25030	7.6	12.1	4.6	10.0	18.3	4.7	14.3	25.1	9.4
S25034	7.3	12.6	4.4	10.2	16.9	3.3	14.0	24.7	9.4
S26021	6.3	11.2	4.1	9.2	15.4	2.6	13.4	22.6	8.4
S26058	7.0	11.4	5.2	8.5	15.8	2.8	13.9	22.4	6.9
S27002	8.7	12.0	4.3	10.6	17.5	5.0	13.8	23.9	9.6
S30007	7.4	11.6	3.5	9.2	17.4	3.3	12.9	21.8	8.0
S32012	6.4	11.0	0.7	8.7	17.0	2.3	11.6	21.2	2.9
S33001	6.5	11.3	-9.2	7.7	17.8	-10.9	10.6	22.0	-8.5
S34001	6.9	11.0	1.6	9.6	16.9	2.1	12.9	23.5	6.1
S35002	6.5	11.1	1.2	8.9	16.9	1.2	11.1	22.7	5.7
S35005	5.1	9.9	3.2	6.3	13.5	1.6	10.8	19.1	6.1
S36015	6.8	15.3	3.7	8.7	19.0	3.1	14.6	30.0	9.5
S36019	6.3	11.0	4.2	8.2	16.1	2.4	13.4	22.6	7.2
S38001	8.0	11.6	-0.4	9.1	13.9	0.6	10.0	19.4	2.7
S39009	7.8	11.5	0.1	9.9	16.9	0.9	10.0	22.6	4.9

SSP126 MAM									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	4.5	41.1	-14.3	10.1	30.3	-6.5	6.0	41.7	-11.1
S06014	4.8	40.1	-13.6	10.1	30.0	-5.8	6.2	41.1	-9.6
S07009	2.5	21.8	-11.1	4.3	22.1	-4.9	6.5	23.1	-6.5
S07012	2.6	21.6	-11.0	4.1	22.0	-4.8	6.3	22.5	-6.8
S12001	3.3	22.8	-8.8	6.9	22.5	-3.1	10.8	24.8	-3.5
S14007	0.5	20.5	-11.3	-1.3	24.3	-11.8	-1.6	24.8	-9.5
S15003	2.3	32.4	-11.8	4.0	28.9	-5.8	7.7	28.3	-9.4
S15006	2.5	44.3	-10.6	11.9	31.2	-4.7	9.0	36.1	-6.8
S15007	-0.8	43.8	-12.8	9.2	29.2	-10.2	6.4	34.4	-11.6
S16008	-0.5	24.9	-12.7	2.0	22.7	-9.6	4.0	23.4	-9.3
S16011	-0.4	21.3	-10.9	2.2	20.1	-8.3	3.9	21.0	-8.1
S18002	3.7	35.2	-5.2	6.6	23.8	-7.1	5.2	30.2	-4.1
S18003	4.2	35.0	-5.5	7.3	23.3	-7.1	5.7	29.3	-4.8
S18006	4.2	35.1	-5.7	7.3	22.8	-7.5	5.4	28.3	-5.9
S18050	4.5	33.6	-6.0	7.5	21.6	-7.8	5.7	26.4	-6.7
S22006	4.5	32.8	-5.0	7.7	21.8	-6.9	6.6	28.2	-5.3
S22035	2.8	32.2	-7.1	6.1	22.1	-11.3	5.0	27.8	-5.4
S23002	2.3	42.0	-8.4	8.2	25.8	-10.6	8.6	32.5	-7.7
S24008	3.3	42.3	-8.4	8.8	24.6	-10.4	9.4	32.2	-8.3
S24030	-0.2	23.2	-11.6	0.9	21.7	-9.7	2.9	20.9	-11.1
S25002	0.0	38.5	-11.0	8.2	25.7	-9.5	6.5	31.1	-10.8
S25006	-1.0	18.4	-12.8	-1.8	20.1	-10.5	0.3	21.2	-10.2
S25030	-1.4	54.9	-11.8	5.8	40.0	-9.2	5.7	51.6	-10.3
S25034	3.4	18.0	-9.9	4.6	19.8	-3.9	6.6	21.3	-4.4
S26021	3.3	17.1	-10.1	4.9	18.9	-3.9	6.1	19.9	-3.9
S26058	-0.9	16.2	-10.0	-0.9	18.7	-11.0	-2.1	19.3	-9.6
S27002	-1.6	58.2	-13.1	6.0	44.1	-10.2	5.3	54.5	-8.8
S30007	-2.0	28.2	-11.6	4.7	18.5	-9.8	4.7	28.1	-8.7
S32012	0.6	39.4	-13.5	7.4	31.6	-18.8	4.6	44.4	-14.4
S33001	-0.2	48.2	-13.3	-2.6	44.1	-19.5	-4.5	53.8	-15.3
S34001	-0.1	40.1	-14.3	4.6	35.5	-10.7	3.0	46.0	-9.1
S35002	-0.9	38.4	-10.0	-2.3	30.8	-8.7	-4.2	43.2	-12.1
S35005	3.3	18.8	-11.3	1.6	19.2	-4.5	1.8	18.7	-7.5
S36015	3.0	22.3	-14.2	0.2	7.4	-4.4	-4.4	18.9	-10.4
S36019	4.1	21.6	-13.4	0.2	21.3	-4.9	3.3	21.5	-9.2
S38001	-0.1	16.1	-9.4	-2.0	4.0	-7.5	-3.1	13.6	-9.3
S39009	5.4	42.0	-7.2	2.7	37.8	-12.7	3.5	45.5	-9.0

SSP370 MAM									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	2.5	18.8	-6.4	3.4	16.2	-1.9	5.5	37.6	-6.2
S06014	2.5	18.4	-5.8	3.5	16.3	-1.6	5.6	37.3	-5.7
S07009	1.6	18.8	-6.2	3.5	15.6	0.0	5.3	35.3	-5.3
S07012	1.7	18.6	-6.2	3.1	15.7	-0.3	4.9	34.4	-5.6
S12001	1.1	19.2	-7.4	6.7	15.3	0.8	4.9	30.0	-2.7
S14007	-0.9	20.8	-13.0	5.5	12.4	-8.8	5.7	24.9	-4.9
S15003	-2.7	21.7	-9.8	2.6	13.3	-7.7	0.5	19.6	-7.8
S15006	-2.5	21.6	-9.2	4.5	11.3	-6.1	3.4	16.0	-6.3
S15007	-2.6	19.1	-8.9	3.1	11.0	-7.3	2.5	15.4	-7.7
S16008	-2.8	15.3	-8.8	1.1	10.2	-5.8	1.2	16.8	-7.8
S16011	-2.2	13.8	-7.4	2.0	9.7	-4.5	1.9	14.1	-6.2
S18002	-0.2	13.2	-6.2	3.0	10.3	-4.8	2.7	15.1	-6.3
S18003	-0.4	12.3	-5.9	2.1	10.4	-5.2	2.1	15.7	-7.0
S18006	-0.5	11.5	-5.9	1.5	10.3	-5.8	1.5	15.2	-7.9
S18050	-1.7	10.4	-11.9	-1.4	10.4	-10.8	-1.2	15.1	-13.1
S22006	-1.2	11.0	-11.1	-0.7	10.8	-10.8	0.9	16.5	-11.9
S22035	-0.2	12.0	-11.2	0.0	11.5	-9.9	2.1	19.4	-10.2
S23002	-1.3	15.4	-8.5	2.3	10.9	-7.3	1.9	14.9	-9.1
S24008	-1.4	14.2	-7.7	1.6	10.8	-7.3	1.5	16.1	-9.7
S24030	-3.1	12.1	-8.4	-0.5	8.9	-6.9	0.1	13.7	-9.4
S25002	-2.9	15.7	-7.9	1.9	10.0	-6.6	1.2	13.5	-8.8
S25006	-0.9	19.6	-13.1	4.1	10.1	-8.4	7.0	19.1	-5.5
S25030	-1.0	15.0	-6.4	1.9	12.1	-6.3	1.4	15.9	-8.5
S25034	-0.4	19.9	-12.8	5.4	11.1	-7.6	7.5	21.7	-4.6
S26021	-0.8	19.7	-13.3	4.7	10.5	-8.6	7.5	19.5	-4.8
S26058	-0.9	16.4	-13.0	3.0	10.8	-8.8	4.0	18.4	-5.4
S27002	-0.7	17.3	-7.7	3.4	12.4	-6.1	2.2	17.7	-9.6
S30007	-0.6	14.5	-11.9	1.7	11.8	-9.3	4.1	18.6	-9.3
S32012	0.1	9.2	-11.2	-1.0	11.8	-12.2	1.6	18.5	-12.1
S33001	-0.8	8.6	-11.2	-0.9	12.0	-12.7	2.4	19.2	-12.5
S34001	0.7	9.6	-11.9	2.2	11.4	-9.1	3.2	17.9	-9.2
S35002	-1.0	8.2	-11.5	-1.0	10.8	-10.9	1.6	17.0	-10.5
S35005	-0.8	15.2	-12.0	0.1	10.7	-11.0	3.0	13.8	-7.6
S36015	-1.6	19.1	-13.4	0.0	12.4	-14.5	2.8	18.2	-10.2
S36019	-1.1	17.3	-14.1	1.4	11.6	-12.2	4.2	18.3	-7.4
S38001	-2.1	11.6	-11.3	-3.3	10.4	-12.5	-2.1	14.3	-11.0
S39009	-2.5	11.1	-11.8	-3.3	9.8	-12.6	-2.1	14.0	-10.6

SSP585
MAM

Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	4.6	10.9	-7.2	-1.3	17.2	-8.6	9.4	25.9	-11.4
S06014	4.4	10.4	-6.9	-1.2	16.5	-7.7	9.2	25.0	-10.9
S07009	5.6	11.0	-6.1	2.0	16.3	-8.5	5.7	23.4	-10.9
S07012	5.7	10.9	-6.3	2.2	15.9	-8.2	5.2	22.6	-10.9
S12001	3.4	10.0	-3.2	2.9	10.3	-4.7	5.7	21.1	-5.8
S14007	2.5	10.8	-5.9	2.8	9.6	-8.0	5.9	18.7	-9.7
S15003	4.3	15.9	-4.8	1.9	8.8	-9.6	5.2	20.5	-10.5
S15006	4.4	14.4	-5.4	3.1	10.2	-7.6	7.5	19.5	-9.7
S15007	1.4	14.9	-6.8	1.7	9.4	-7.0	4.1	15.4	-10.3
S16008	3.4	11.3	-5.1	1.8	8.9	-7.2	6.4	18.6	-10.2
S16011	4.1	10.2	-3.4	2.3	7.9	-5.2	5.5	16.5	-7.3
S18002	3.1	12.5	-17.0	2.5	7.9	-12.4	4.4	15.0	-14.5
S18003	2.9	12.7	-17.3	1.3	7.5	-12.3	3.4	14.1	-14.6
S18006	2.6	13.0	-17.6	1.0	7.4	-12.5	2.8	13.6	-15.0
S18050	1.9	12.4	-17.3	0.7	6.9	-12.3	2.1	13.2	-14.9
S22006	2.2	12.6	-15.0	1.5	6.6	-9.6	2.2	14.1	-11.3
S22035	3.0	13.5	-15.3	1.4	8.1	-9.5	3.1	13.8	-11.5
S23002	4.6	14.1	-9.3	3.1	11.1	-7.9	4.3	18.2	-7.2
S24008	3.4	14.6	-9.5	2.4	10.7	-7.9	3.8	18.3	-7.5
S24030	2.4	11.7	-4.7	0.5	9.7	-7.3	2.4	15.0	-9.8
S25002	3.6	13.9	-4.3	2.6	9.3	-5.4	3.5	14.5	-8.5
S25006	3.7	12.1	-5.4	3.8	11.7	-7.7	5.0	19.0	-9.5
S25030	2.1	18.7	-6.7	3.3	11.5	-5.3	3.6	18.5	-7.3
S25034	4.7	12.4	-4.1	4.2	12.6	-6.0	6.0	20.2	-7.8
S26021	4.0	11.2	-4.9	3.8	11.8	-6.8	5.3	19.0	-8.8
S26058	3.2	9.6	-6.2	2.8	11.5	-6.8	0.8	15.3	-8.8
S27002	1.5	18.3	-8.6	2.0	13.0	-5.7	6.2	19.7	-7.6
S30007	-0.5	15.0	-7.3	2.7	12.5	-4.7	5.1	16.1	-6.0
S32012	-1.2	16.5	-6.7	3.4	13.0	-6.1	6.4	18.8	-6.6
S33001	5.1	16.2	-5.9	3.7	11.7	-11.0	-1.3	16.8	-8.1
S34001	-1.5	12.6	-6.4	2.8	12.1	-4.5	6.4	15.1	-5.2
S35002	5.9	16.4	-5.1	3.8	12.5	-4.7	6.4	18.4	-5.9
S35005	2.7	9.5	-7.4	-1.2	10.2	-7.6	3.6	14.0	-9.5
S36015	8.7	16.3	-10.3	3.9	15.6	-8.2	9.8	19.7	-6.4
S36019	2.8	10.0	-8.3	-0.7	12.2	-7.9	4.4	16.4	-11.4
S38001	6.1	15.0	-4.7	5.4	13.5	-5.2	3.4	15.7	-4.6
S39009	4.9	13.5	-4.5	5.1	14.8	-3.5	6.8	14.3	-4.9

SSP126									
JJA									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-0.6	65.2	-14.3	-0.5	73.4	-13.0	-8.7	66.9	-24.5
S06014	1.4	63.1	-13.5	0.1	71.5	-11.8	-7.4	63.2	-23.6
S07009	-3.1	22.5	-16.6	-11.8	12.4	-23.1	-17.0	17.1	-32.1
S07012	-2.9	23.2	-17.5	-12.7	14.2	-23.4	-17.7	18.2	-32.8
S12001	-3.6	40.1	-12.6	-7.7	33.8	-18.0	-9.7	30.5	-26.0
S14007	-5.6	7.4	-15.2	-14.2	-0.9	-21.7	-16.7	1.3	-29.7
S15003	-2.3	66.8	-18.8	-17.2	72.6	-27.0	-19.1	55.0	-34.9
S15006	-3.4	80.9	-14.5	-10.4	73.6	-21.3	-13.4	57.8	-28.8
S15007	9.5	88.9	-13.0	-9.9	90.8	-13.1	-4.7	61.4	-31.9
S16008	10.1	36.9	-11.5	-6.6	24.0	-11.1	-4.3	17.2	-28.2
S16011	5.5	23.4	-7.7	-2.6	17.8	-9.8	-2.0	12.3	-20.6
S18002	-4.3	45.9	-13.2	-10.0	36.3	-23.2	-17.9	23.7	-32.7
S18003	-5.2	46.2	-14.1	-11.6	37.9	-25.7	-21.3	22.8	-36.1
S18006	-5.9	44.8	-14.3	-12.9	36.6	-26.9	-22.4	20.8	-37.5
S18050	-8.9	41.3	-17.9	-17.6	36.4	-32.7	-28.1	17.7	-44.8
S22006	-7.9	33.8	-14.3	-15.5	31.6	-27.8	-24.0	14.4	-38.4
S22035	-0.9	31.3	-11.9	-12.3	31.8	-24.1	-17.7	14.8	-38.0
S23002	-3.8	61.5	-14.4	-5.1	45.6	-26.0	-20.1	29.8	-36.2
S24008	-3.4	64.3	-15.2	-4.5	47.7	-27.7	-21.5	32.1	-38.5
S24030	7.4	30.6	-10.9	-8.4	21.6	-11.4	-10.9	13.0	-28.5
S25002	6.3	63.7	-10.6	-8.0	70.0	-11.8	-4.9	45.8	-28.5
S25006	4.8	18.0	-10.1	-5.3	5.2	-13.6	-6.6	9.2	-25.8
S25030	7.1	85.8	-10.0	-6.0	93.0	-10.7	-3.4	67.3	-29.2
S25034	-3.1	19.1	-15.3	-9.5	8.4	-20.5	-12.2	7.6	-29.6
S26021	-3.5	18.9	-16.0	-10.1	7.3	-21.3	-14.8	6.5	-30.8
S26058	-6.7	5.8	-16.2	-14.1	-3.3	-21.6	-19.3	0.7	-31.9
S27002	9.8	138.2	-15.5	-10.6	137.0	-16.6	-8.6	102.5	-38.1
S30007	3.3	26.4	-10.9	-6.0	18.5	-13.6	-8.1	16.2	-28.0
S32012	-2.2	20.2	-10.9	-10.2	25.1	-19.7	-16.6	15.5	-31.0
S33001	3.6	23.3	-6.7	-3.8	20.3	-22.2	-11.7	20.7	-30.9
S34001	3.5	28.5	-13.4	-3.9	29.7	-6.7	-1.3	24.6	-21.4
S35002	3.2	21.1	-9.7	-0.9	24.7	-10.0	-4.1	23.2	-21.6
S35005	0.4	23.0	-12.4	-10.1	29.6	-14.4	-9.6	19.6	-28.8
S36015	8.0	37.8	-9.0	8.6	44.5	-17.6	-3.1	33.8	-28.2
S36019	0.5	42.3	-17.1	-6.4	41.2	-15.3	-12.5	31.7	-31.9
S38001	0.8	15.3	-10.7	-4.0	7.2	-14.6	-17.7	6.6	-27.4
S39009	6.0	23.4	-5.9	-3.0	31.4	-23.7	-11.1	25.0	-27.8

SSP370									
JJA									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-5.4	24.0	-18.0	-2.9	20.0	-16.5	-7.8	25.0	-20.6
S06014	-5.7	19.7	-18.5	-4.3	16.1	-18.0	-9.3	20.0	-22.2
S07009	-7.7	17.4	-16.7	-5.9	17.6	-16.6	-11.3	14.7	-21.3
S07012	-8.7	17.1	-18.6	-5.7	17.3	-17.9	-12.6	15.8	-23.4
S12001	-4.6	2.4	-9.7	-6.3	7.9	-14.2	-10.9	0.3	-17.1
S14007	-4.6	20.3	-19.7	-1.8	18.8	-21.2	-11.9	20.3	-17.1
S15003	-9.0	4.7	-30.0	-14.3	13.1	-38.2	-21.6	-3.4	-42.3
S15006	-2.4	10.7	-22.9	-7.0	16.5	-29.5	-12.7	12.4	-30.6
S15007	-5.9	7.1	-26.0	-15.8	13.0	-36.0	-22.0	12.0	-41.3
S16008	-6.5	1.6	-27.0	-17.0	-2.4	-33.5	-21.7	-2.4	-35.8
S16011	-4.0	0.9	-18.2	-11.0	-1.3	-22.9	-15.2	-0.7	-24.6
S18002	-3.2	9.1	-20.3	-11.7	6.1	-25.7	-16.4	4.5	-27.7
S18003	-2.6	9.6	-23.9	-13.9	4.9	-28.7	-19.4	4.3	-32.5
S18006	-3.0	8.7	-24.8	-15.0	4.3	-29.3	-20.8	3.4	-34.1
S18050	-15.8	2.3	-31.7	-26.7	-3.2	-36.2	-31.8	-6.1	-43.5
S22006	-11.4	1.9	-29.0	-21.9	-3.8	-32.4	-27.8	-4.1	-39.1
S22035	-9.5	-0.3	-27.0	-19.2	-4.3	-31.5	-25.6	-3.9	-37.2
S23002	-4.1	17.1	-24.5	-12.5	11.6	-31.3	-17.2	6.9	-32.6
S24008	-2.9	20.8	-25.9	-12.8	14.3	-33.3	-17.8	7.7	-35.2
S24030	-8.3	0.1	-27.9	-19.0	-7.7	-32.2	-24.6	-3.9	-38.7
S25002	-7.6	3.7	-24.5	-19.0	3.4	-33.3	-22.2	12.6	-39.4
S25006	-3.7	14.9	-18.6	-5.7	16.0	-19.7	-12.3	17.7	-18.0
S25030	-6.5	3.6	-27.5	-18.5	-2.7	-35.6	-25.6	2.3	-44.1
S25034	-3.5	17.6	-21.2	-6.9	20.3	-22.7	-13.9	23.4	-19.1
S26021	-4.2	16.2	-21.8	-8.4	17.5	-24.3	-15.6	20.3	-21.7
S26058	-9.0	11.0	-22.4	-9.3	11.4	-25.1	-18.2	8.9	-24.0
S27002	-7.5	4.7	-29.4	-21.7	6.9	-40.0	-31.1	0.7	-45.6
S30007	-9.8	12.1	-22.6	-12.3	6.2	-25.4	-17.8	8.7	-26.3
S32012	-14.2	2.0	-30.9	-19.6	-8.0	-33.1	-27.6	-1.6	-39.5
S33001	-14.3	2.6	-29.1	-20.0	-7.9	-33.9	-27.1	-0.4	-40.8
S34001	-11.1	8.4	-21.7	-15.5	0.2	-26.8	-18.7	6.5	-29.6
S35002	-14.3	3.6	-27.4	-16.3	-6.0	-30.2	-24.9	0.8	-37.1
S35005	-11.6	6.0	-24.4	-13.8	2.7	-27.8	-17.0	1.8	-33.9
S36015	-15.1	16.6	-31.1	-12.2	8.7	-33.8	-12.3	10.0	-39.2
S36019	-9.6	13.2	-26.8	-12.8	10.1	-32.0	-20.7	7.1	-33.4
S38001	-16.0	-8.2	-35.0	-20.5	-9.1	-38.8	-30.6	-3.9	-44.9
S39009	-17.2	-5.9	-26.1	-21.7	-8.1	-39.3	-27.6	-1.0	-45.1

SSP585									
JJA									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	0.6	10.1	-10.2	5.1	11.1	-14.8	-8.7	14.2	-16.7
S06014	0.6	10.8	-11.4	4.4	12.3	-16.7	-10.9	12.8	-19.5
S07009	-0.3	12.4	-9.2	-3.3	7.1	-12.3	-11.2	7.5	-22.0
S07012	-1.0	12.9	-10.7	-3.4	9.4	-14.7	-10.6	8.5	-24.0
S12001	-0.2	9.8	-10.8	-1.0	7.3	-9.6	-8.7	8.1	-15.5
S14007	-0.4	12.7	-9.2	-2.1	7.4	-10.5	-10.8	9.1	-17.9
S15003	-3.2	18.9	-13.8	3.9	23.2	-20.1	-9.7	17.0	-39.9
S15006	-1.3	18.6	-9.2	3.4	9.7	-12.9	-8.5	10.4	-25.0
S15007	-0.1	19.6	-11.4	3.5	15.4	-20.0	-13.7	11.3	-32.5
S16008	0.0	16.3	-11.8	-0.3	13.9	-17.6	-15.6	8.0	-33.7
S16011	-0.1	10.3	-7.3	-0.1	9.0	-11.1	-10.0	6.7	-21.7
S18002	-0.4	20.7	-10.5	4.0	12.9	-15.5	-9.1	9.4	-26.6
S18003	-0.4	22.3	-12.3	-1.6	15.5	-21.0	-9.3	5.0	-31.1
S18006	-0.6	21.6	-13.4	-1.9	15.0	-21.9	-10.2	4.5	-32.4
S18050	-3.0	17.9	-16.7	-5.8	14.6	-26.8	-17.2	1.9	-40.7
S22006	-2.6	14.9	-13.5	-4.3	14.1	-22.5	-15.9	1.5	-35.1
S22035	-3.1	14.0	-13.5	-3.3	15.1	-22.6	-12.4	2.0	-32.6
S23002	5.6	27.5	-11.4	0.5	24.8	-16.2	-5.3	17.4	-29.8
S24008	5.5	31.0	-12.8	2.3	29.4	-21.1	-3.6	21.8	-33.0
S24030	1.5	17.4	-12.2	-0.5	16.2	-20.4	-16.6	3.5	-35.0
S25002	2.1	15.9	-11.6	1.2	16.4	-20.5	-14.3	6.2	-35.3
S25006	0.2	14.4	-4.0	0.6	6.5	-10.0	-10.3	6.7	-18.2
S25030	5.5	25.4	-9.5	4.0	29.3	-21.4	-5.1	16.4	-36.9
S25034	2.8	18.9	-5.3	1.5	10.4	-10.6	-9.4	9.8	-21.3
S26021	0.7	16.1	-5.2	-1.1	8.9	-11.5	-11.2	7.7	-21.4
S26058	1.1	9.8	-5.3	-3.4	8.6	-13.7	-12.4	7.9	-21.1
S27002	2.1	31.9	-12.7	0.8	32.2	-27.8	-7.5	19.6	-40.7
S30007	2.9	22.7	-8.8	-0.3	19.4	-16.1	-4.8	12.4	-27.1
S32012	-2.3	18.3	-11.8	-0.7	22.0	-25.8	-18.3	10.3	-34.8
S33001	-1.1	21.0	-12.2	-5.5	9.8	-23.8	-23.6	11.5	-34.1
S34001	1.1	17.6	-8.7	1.3	21.5	-21.0	-4.6	12.7	-26.2
S35002	0.7	18.0	-10.9	-0.4	8.6	-24.0	-17.1	13.4	-35.0
S35005	-1.1	9.1	-9.3	-0.2	12.4	-21.7	-14.6	7.8	-31.2
S36015	-2.3	24.9	-12.6	3.7	18.3	-29.1	-20.6	21.3	-40.7
S36019	3.5	12.0	-9.5	0.5	15.1	-21.1	-16.9	11.3	-29.8
S38001	-0.3	12.3	-11.6	-3.8	8.6	-26.6	-20.8	3.5	-37.0
S39009	0.6	14.3	-12.1	-8.8	8.2	-27.9	-23.6	6.3	-38.2

SSP126 SON									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	13.0	43.3	-11.3	7.7	64.7	-17.6	4.2	43.4	-17.3
S06014	11.0	36.2	-10.6	5.0	54.3	-17.5	2.0	36.2	-17.8
S07009	3.4	22.9	-17.2	-8.9	26.2	-32.5	-4.4	10.5	-34.5
S07012	2.8	21.4	-15.6	-8.5	23.9	-30.1	-3.8	9.6	-31.9
S12001	10.0	21.3	-13.4	-0.5	28.1	-24.0	0.5	15.0	-25.5
S14007	-9.1	25.3	-17.0	-12.6	18.9	-31.9	-14.7	8.6	-33.5
S15003	6.0	20.4	-11.5	-4.2	22.2	-22.4	0.6	10.7	-23.0
S15006	9.0	30.3	-13.2	-1.7	39.7	-25.8	-1.1	25.7	-27.0
S15007	11.4	23.1	-1.0	5.4	29.2	-13.3	1.2	18.8	-11.8
S16008	7.9	17.7	-0.8	1.8	16.9	-13.6	-2.5	10.6	-11.7
S16011	10.1	17.9	1.1	4.2	19.2	-10.0	1.0	13.0	-7.2
S18002	3.3	23.8	-9.3	-3.5	31.8	-22.1	-10.1	25.6	-22.3
S18003	3.4	20.5	-8.6	-3.0	28.1	-20.5	-8.9	23.3	-20.5
S18006	3.1	19.5	-8.7	-3.2	26.9	-20.5	-9.0	22.5	-20.8
S18050	2.8	15.4	-8.5	-3.3	21.4	-19.0	-8.5	18.4	-19.6
S22006	3.6	15.8	-7.0	-1.6	22.5	-16.7	-6.4	19.8	-16.7
S22035	1.1	15.2	-8.4	-9.1	21.4	-18.8	-6.8	17.1	-17.9
S23002	5.8	29.4	-11.2	4.1	39.4	-26.2	-1.4	32.0	-26.0
S24008	5.3	26.0	-10.4	3.5	35.4	-24.5	-1.7	29.6	-24.5
S24030	5.8	15.8	-1.1	2.3	14.2	-11.8	-2.4	8.5	-9.8
S25002	9.6	18.0	-1.0	5.1	20.9	-11.1	1.8	13.8	-8.7
S25006	6.5	20.8	-0.9	2.8	19.8	-16.1	-3.2	10.4	-14.7
S25030	7.3	26.9	-1.2	5.5	35.8	-10.7	0.1	32.0	-8.2
S25034	2.1	20.5	-16.2	-10.3	18.2	-29.9	-8.0	7.5	-32.0
S26021	1.1	18.8	-16.9	-11.0	15.9	-30.6	-10.1	5.7	-32.9
S26058	-9.3	19.5	-16.1	-13.5	13.7	-29.8	-16.7	6.1	-32.5
S27002	6.6	34.3	-3.6	3.2	43.4	-15.7	-4.5	37.2	-16.6
S30007	8.6	18.8	-1.1	5.0	25.5	-12.4	-2.0	21.4	-11.0
S32012	4.1	34.2	-2.3	1.4	41.7	-8.0	1.0	40.2	-6.0
S33001	5.1	48.5	-2.3	1.9	56.4	-6.5	2.7	56.2	-4.3
S34001	9.1	36.0	-6.7	7.6	44.3	-7.1	1.8	41.3	-3.9
S35002	6.6	37.1	-3.5	4.9	45.1	-4.0	2.2	44.3	-2.4
S35005	3.6	14.2	-8.4	-1.3	13.7	-14.0	-2.1	6.2	-15.4
S36015	4.8	14.7	-9.7	0.0	18.1	-15.4	2.5	11.9	-16.5
S36019	3.9	17.5	-13.5	-2.3	19.8	-22.6	-5.3	8.1	-24.6
S38001	3.9	9.2	-3.2	2.8	8.8	-5.0	2.1	5.6	-2.9
S39009	1.4	42.1	-3.3	-0.4	51.8	-12.4	1.8	50.5	-9.3

SSP370 SON									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	3.1	24.0	-8.8	15.7	36.4	1.3	12.7	54.5	-1.2
S06014	1.9	20.9	-9.3	13.1	30.8	0.2	10.4	43.0	-2.6
S07009	-4.2	22.1	-15.6	10.3	30.1	-4.5	6.8	40.0	-8.9
S07012	-3.8	20.7	-14.1	9.5	27.8	-3.8	6.6	36.8	-8.0
S12001	-0.4	19.8	-12.9	6.3	22.2	-3.0	7.1	22.1	-9.6
S14007	-4.4	25.6	-17.5	15.1	37.9	-3.0	10.9	47.6	-7.1
S15003	-2.5	18.5	-13.1	5.3	21.6	-4.6	5.5	16.3	-8.0
S15006	0.0	20.5	-15.9	3.8	22.7	-4.9	7.8	15.7	-11.2
S15007	-2.9	16.1	-14.2	1.8	17.1	-6.8	3.1	12.5	-12.0
S16008	-9.2	16.2	-21.8	0.6	20.7	-11.7	-1.5	17.1	-15.2
S16011	-6.3	15.0	-17.8	2.0	21.1	-8.6	2.0	18.3	-11.4
S18002	-5.9	15.9	-20.7	2.4	23.0	-7.8	0.3	18.9	-14.3
S18003	-5.4	14.2	-19.5	3.9	21.7	-7.1	0.4	17.5	-13.7
S18006	-5.6	13.2	-19.5	3.5	20.7	-7.3	-0.4	16.6	-13.9
S18050	-5.2	8.2	-17.9	2.5	14.7	-7.3	-1.9	13.5	-13.0
S22006	-3.4	8.9	-15.6	4.0	15.3	-5.7	0.9	14.7	-11.4
S22035	-3.5	9.9	-16.0	3.0	15.0	-5.7	0.3	13.8	-10.9
S23002	-7.5	19.7	-24.8	2.7	28.9	-9.8	0.4	23.6	-17.8
S24008	-7.2	17.1	-23.7	3.8	26.6	-9.3	-0.5	21.4	-17.3
S24030	-7.2	13.4	-18.2	1.3	17.7	-8.7	-1.2	14.4	-12.9
S25002	-1.5	12.6	-11.0	2.7	17.2	-5.0	-0.1	13.8	-7.9
S25006	-0.8	19.5	-15.8	10.4	30.0	-1.0	9.5	36.9	-6.8
S25030	-2.3	13.0	-14.3	2.4	19.8	-6.6	-0.5	15.6	-9.2
S25034	-3.0	19.0	-15.9	9.8	28.7	-2.3	8.0	33.6	-7.7
S26021	-2.7	18.2	-16.9	8.1	26.2	-3.2	7.8	29.9	-8.0
S26058	-5.8	17.9	-17.0	6.9	26.0	-5.1	3.7	29.4	-9.8
S27002	-6.6	13.5	-19.9	-2.4	18.8	-11.5	-4.7	14.7	-15.7
S30007	-4.0	13.7	-15.5	10.0	28.3	-6.8	5.3	27.9	-11.3
S32012	-0.6	10.3	-11.7	6.1	24.0	-5.7	3.5	25.9	-8.5
S33001	0.3	9.7	-11.7	6.9	25.5	-5.6	4.1	29.9	-8.5
S34001	-1.4	12.7	-14.4	9.5	24.1	-6.3	5.6	24.3	-9.0
S35002	-1.2	12.2	-11.9	9.1	24.8	-5.3	6.3	27.6	-8.3
S35005	-1.6	13.0	-9.4	5.3	21.5	-3.4	3.8	24.6	-5.6
S36015	0.1	16.0	-9.5	7.9	28.4	-3.0	5.6	34.3	-3.8
S36019	-3.6	17.0	-16.5	5.4	25.1	-3.6	4.4	24.9	-9.2
S38001	1.9	10.7	-7.8	3.1	22.3	-5.0	2.3	23.9	-5.6
S39009	-0.4	10.8	-10.4	3.1	22.5	-6.1	0.9	24.0	-7.7

SSP585
SON

Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	17.8	31.2	-7.4	11.1	34.1	0.5	10.9	30.9	-3.5
S06014	15.2	26.8	-8.0	8.7	30.2	-1.1	7.2	27.4	-4.9
S07009	14.4	23.5	-9.0	6.7	25.4	-3.9	-1.0	23.4	-12.5
S07012	13.7	22.5	-8.3	6.7	24.1	-3.3	-0.3	22.5	-11.3
S12001	14.0	26.1	-9.7	8.3	27.9	-0.6	3.4	25.6	-5.7
S14007	14.9	21.3	-10.1	6.8	23.9	-3.3	-1.8	23.1	-11.0
S15003	10.9	21.9	-6.3	7.0	24.6	-2.1	1.3	23.3	-10.5
S15006	12.8	21.8	-8.1	6.1	24.2	-4.5	-0.4	22.3	-12.6
S15007	10.7	18.9	-6.3	5.2	19.8	-2.0	-2.2	18.4	-9.3
S16008	5.8	19.7	-7.7	4.0	21.1	-7.2	-2.2	19.6	-14.7
S16011	6.6	20.5	-6.2	5.1	22.6	-5.5	0.7	20.8	-10.5
S18002	7.1	13.9	0.4	5.0	17.5	-4.9	5.8	13.3	-12.5
S18003	5.4	12.4	-1.9	3.0	15.1	-3.9	1.7	9.7	-11.5
S18006	5.0	11.3	-1.8	2.8	13.9	-4.2	1.4	8.9	-11.8
S18050	4.6	8.7	-1.4	2.3	10.7	-4.2	1.2	7.2	-11.7
S22006	5.2	9.4	-0.2	3.2	12.3	-3.3	3.2	9.5	-9.6
S22035	4.7	10.4	-2.3	2.7	13.1	-3.0	0.9	9.4	-10.4
S23002	6.4	27.6	-2.4	4.4	33.1	-6.3	0.8	30.8	-14.2
S24008	5.6	24.6	0.4	3.7	29.0	-5.4	2.4	27.4	-13.7
S24030	4.8	16.2	-2.1	3.3	17.2	-5.0	-0.1	16.9	-12.6
S25002	6.6	15.3	-1.5	4.2	16.3	-2.7	0.7	16.6	-11.9
S25006	13.3	20.3	-5.3	6.2	21.7	-3.9	-0.4	19.8	-11.0
S25030	5.5	19.3	-2.1	5.5	22.5	-0.9	0.9	22.9	-7.2
S25034	13.3	23.1	-6.5	6.6	24.5	-3.6	-0.8	23.1	-11.9
S26021	12.2	20.6	-6.9	5.2	21.6	-4.8	-2.6	20.0	-12.6
S26058	8.8	21.1	-8.7	4.9	21.6	-5.3	-2.0	19.8	-14.5
S27002	6.6	22.4	-2.9	3.0	24.3	-5.1	-4.0	23.6	-13.4
S30007	6.2	22.2	-2.2	5.1	24.8	-2.4	0.4	24.5	-9.8
S32012	7.6	16.7	0.5	6.3	19.2	-0.4	2.7	20.6	-3.7
S33001	7.6	13.7	-5.9	6.6	15.8	-6.5	3.4	22.9	-13.6
S34001	9.4	19.7	-2.6	5.0	22.5	-2.7	3.0	22.5	-7.4
S35002	7.2	13.8	-0.8	5.5	14.1	-0.9	3.4	22.6	-4.9
S35005	9.2	14.0	-4.5	3.9	15.4	-1.3	2.6	15.5	-9.6
S36015	13.1	18.3	-4.9	7.1	25.3	-0.3	4.4	28.6	-8.8
S36019	11.3	21.4	-9.9	3.3	23.4	-6.4	0.0	19.6	-16.6
S38001	7.1	9.8	-3.1	5.1	14.0	-2.1	2.3	18.1	-6.4
S39009	6.7	11.8	-4.0	6.0	17.1	-1.6	5.4	20.6	-7.1

Table S3 Median and 90 percent confidence interval of projected changes (percent) in seasonal flows simulated for each catchment using the GR4J hydrological model for each future time period and SSP.

Catchment	SSP126								
	DJF								
	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	3.0	12.9	-7.0	1.7	18.9	-4.0	5.4	18.3	-5.4
S06014	2.6	12.4	-7.1	1.5	18.1	-4.2	5.0	17.6	-5.5
S07009	3.6	11.1	-5.2	3.4	12.8	-2.1	5.6	13.9	-0.1
S07012	3.4	10.7	-5.2	3.1	12.2	-2.2	5.3	13.3	-0.2
S12001	4.6	13.4	-5.7	6.3	13.8	0.3	9.2	18.1	2.7
S14007	1.9	9.8	-7.8	3.6	7.1	-0.9	5.5	10.5	0.3
S15003	2.8	10.2	-5.8	3.6	8.7	-0.7	7.1	11.4	0.5
S15006	2.2	12.0	-5.7	3.2	13.6	-1.1	7.0	15.8	0.0
S15007	1.2	21.9	-9.7	1.2	28.7	-11.2	3.3	29.5	-8.9
S16008	2.9	11.1	-6.3	4.0	14.2	-4.0	7.0	15.1	-2.3
S16011	3.2	11.0	-5.4	5.2	14.3	-3.1	7.9	16.2	-1.1
S18002	2.5	13.4	-6.6	4.0	17.9	-3.4	6.6	17.6	-1.5
S18003	2.1	13.2	-6.6	3.3	17.7	-3.3	5.5	17.4	-1.3
S18006	2.1	13.1	-6.5	3.2	17.5	-3.3	5.4	17.2	-1.3
S18050	2.0	12.8	-6.4	2.7	17.0	-3.2	5.4	16.5	-1.0
S22006	2.2	13.5	-6.3	3.2	18.1	-2.9	6.3	17.7	-0.3
S22035	2.2	13.6	-5.9	3.3	18.3	-4.0	4.7	17.9	-0.5
S23002	2.2	12.4	-6.5	2.5	16.4	-3.0	4.9	15.8	-0.7
S24008	2.4	13.8	-7.0	3.9	18.6	-4.0	6.2	18.7	-1.6
S24030	2.8	13.8	-6.8	3.8	18.6	-3.6	5.7	18.6	-0.9
S25002	2.7	12.3	-6.4	4.0	14.0	-4.1	8.0	17.0	-1.6
S25006	4.6	11.0	-9.6	4.3	11.8	-2.9	7.4	16.6	-0.7
S25030	2.5	13.1	-5.8	2.7	17.9	-2.2	4.5	20.5	-2.1
S25034	3.0	8.7	-7.8	2.9	9.3	-2.3	4.8	12.4	0.1
S26021	2.8	8.3	-7.7	2.7	8.5	-2.4	4.3	11.7	-0.3
S26058	1.2	8.4	-7.6	1.9	6.4	-2.4	3.6	9.0	-0.3
S27002	3.6	15.9	-7.2	3.8	21.4	-2.8	6.4	25.2	-2.8
S30007	2.3	10.9	-8.6	1.3	14.9	-2.7	3.4	16.6	-2.7
S32012	1.3	16.8	-9.6	1.0	22.5	-7.3	2.6	24.7	-6.2
S33001	1.2	21.9	-9.7	1.2	28.7	-11.2	3.3	29.5	-8.9
S34001	1.1	16.9	-10.6	0.8	22.4	-6.4	2.2	24.6	-5.9
S35002	1.1	17.0	-10.6	1.2	22.8	-9.7	3.2	25.3	-10.1
S35005	1.0	5.4	-9.1	1.2	6.2	-4.6	3.6	8.0	-5.5
S36015	1.3	8.8	-9.7	1.2	7.8	-7.0	4.4	10.0	-8.4
S36019	2.2	7.8	-11.2	2.5	9.2	-5.5	4.7	11.7	-7.2
S38001	1.9	5.6	-10.3	-0.7	8.1	-8.5	4.0	9.2	-8.8
S39009	1.9	18.4	-8.2	1.0	25.1	-9.1	4.5	24.9	-8.4

SSP370									
DJF									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	3.0	14.8	-4.9	6.0	26.6	-6.7	7.0	27.6	-2.1
S06014	2.7	14.1	-4.7	5.4	25.7	-6.7	6.7	26.6	-2.0
S07009	2.3	12.9	-3.4	4.9	19.8	-2.7	8.0	19.3	0.9
S07012	2.1	12.3	-3.4	4.6	19.1	-2.7	7.7	18.5	0.9
S12001	5.6	16.3	-3.2	9.0	18.3	-0.8	13.1	24.2	6.6
S14007	2.7	10.7	-6.5	5.7	11.3	-1.3	8.0	14.4	3.3
S15003	2.7	10.5	-3.1	5.6	12.1	-1.0	8.5	12.7	3.6
S15006	2.6	13.1	-3.3	5.0	18.0	-1.3	7.7	17.1	3.0
S15007	2.8	26.2	-9.9	3.2	35.6	-12.0	5.6	38.4	-7.3
S16008	3.0	16.8	-3.6	4.4	19.3	-2.9	9.6	16.6	1.5
S16011	2.9	17.0	-3.1	5.1	20.1	-2.4	9.3	17.2	1.8
S18002	4.1	18.5	-4.4	4.9	23.7	-1.7	7.1	19.3	2.1
S18003	2.8	18.3	-4.2	4.4	23.4	-1.5	7.1	19.1	2.2
S18006	2.8	18.2	-4.2	4.3	23.1	-1.5	7.1	18.9	2.2
S18050	2.7	17.7	-3.9	4.2	22.4	-1.3	7.4	18.3	1.5
S22006	3.0	18.7	-3.8	4.7	23.6	-1.0	8.4	19.4	2.0
S22035	3.1	18.8	-2.9	5.4	23.9	-2.2	8.1	19.7	1.1
S23002	2.4	17.3	-4.2	4.5	21.9	-2.3	6.8	17.7	1.1
S24008	2.6	19.1	-5.2	4.8	24.7	-2.4	6.4	19.9	0.7
S24030	3.2	19.0	-4.8	5.0	24.6	-2.1	7.1	19.9	1.6
S25002	2.7	13.3	-3.2	5.3	18.7	-2.3	8.9	17.1	1.6
S25006	3.6	12.7	-6.2	6.5	19.7	-3.3	8.6	20.8	-0.8
S25030	2.7	16.8	-3.2	4.3	25.7	-2.6	6.6	22.1	1.5
S25034	2.2	10.3	-6.4	5.0	15.0	-2.4	7.6	15.5	1.0
S26021	1.9	9.6	-6.3	4.2	14.1	-2.6	6.7	14.1	0.5
S26058	1.7	9.4	-6.2	4.2	9.9	-2.5	6.3	12.0	0.7
S27002	4.5	20.5	-4.3	6.0	31.7	-3.0	8.7	28.6	2.9
S30007	2.0	13.5	-5.3	4.3	21.7	-3.9	5.5	19.1	-1.4
S32012	2.7	19.4	-4.5	3.5	29.4	-6.5	5.7	31.3	-1.7
S33001	2.8	26.2	-9.9	3.2	35.6	-12.0	5.6	38.4	-7.3
S34001	2.7	19.4	-6.7	3.6	29.2	-8.0	5.3	30.9	-4.2
S35002	2.6	19.6	-9.0	3.3	29.6	-11.2	1.8	31.4	-3.7
S35005	1.3	6.6	-7.2	1.7	11.1	-6.4	3.9	11.9	-1.3
S36015	2.7	7.8	-9.3	5.0	13.4	-7.6	4.7	15.0	-1.6
S36019	2.4	9.7	-9.0	3.2	14.9	-8.5	6.8	18.4	-1.7
S38001	2.7	6.8	-7.6	4.2	11.5	-9.1	3.6	13.5	-3.5
S39009	2.6	21.1	-7.5	5.2	29.6	-9.1	7.0	34.7	-1.1

SSP585									
DJF									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	3.4	20.1	-3.5	6.4	26.0	-6.7	8.5	33.3	1.3
S06014	3.1	19.5	-3.6	6.2	25.1	-6.6	8.3	32.1	1.2
S07009	4.1	14.6	-1.6	5.6	19.2	-1.9	8.3	25.5	3.5
S07012	3.9	14.0	-1.7	5.3	18.5	-1.9	8.0	24.4	3.3
S12001	6.7	17.8	-0.6	9.0	23.2	-0.2	14.4	29.1	8.2
S14007	3.6	11.6	-3.8	6.4	11.0	-1.3	8.7	20.6	4.9
S15003	3.8	12.4	-1.6	6.0	12.9	-0.8	9.2	17.7	5.5
S15006	3.8	16.9	-1.7	5.5	17.9	-1.4	8.2	22.0	4.5
S15007	2.8	30.0	-12.2	4.5	36.6	-8.6	6.2	36.4	-6.0
S16008	4.0	17.9	-3.9	6.6	19.0	-4.1	10.0	22.9	4.4
S16011	3.9	17.5	-2.9	6.5	19.1	-3.7	9.6	22.3	4.8
S18002	3.5	20.3	-4.6	7.0	21.3	-2.0	8.6	24.6	1.8
S18003	3.4	20.1	-4.6	6.0	21.0	-1.8	8.7	24.3	2.1
S18006	3.4	19.9	-4.6	5.9	20.8	-1.8	8.7	24.0	2.1
S18050	3.5	19.6	-4.5	5.3	20.2	-1.5	8.8	23.2	1.0
S22006	3.7	20.6	-4.3	6.0	21.2	-1.0	9.7	25.0	1.1
S22035	5.8	20.8	-4.0	6.2	21.4	-1.8	9.3	25.1	1.3
S23002	3.1	19.0	-4.5	4.5	19.7	-2.1	8.2	22.1	2.4
S24008	3.7	20.4	-4.6	5.7	22.0	-3.7	7.0	24.8	2.3
S24030	3.7	20.6	-4.5	6.0	21.9	-3.0	8.1	25.0	3.2
S25002	5.0	18.8	-3.9	7.1	18.5	-4.1	9.4	24.3	4.9
S25006	3.9	15.9	-4.7	6.7	18.1	-4.1	8.9	26.2	5.0
S25030	3.8	21.9	-4.7	6.2	23.3	-3.7	7.0	26.1	3.6
S25034	2.5	13.9	-4.0	5.7	14.5	-1.3	7.8	20.7	4.1
S26021	2.3	13.1	-4.1	5.1	13.5	-1.7	6.8	18.8	3.4
S26058	2.3	10.6	-4.1	4.8	9.8	-1.7	7.4	17.4	3.5
S27002	5.4	27.1	-6.0	8.4	29.1	-3.4	8.8	32.6	5.2
S30007	3.3	18.0	-5.6	5.0	19.2	-4.2	5.1	22.6	2.5
S32012	2.6	24.4	-5.9	4.2	29.5	-6.7	6.6	30.4	-0.1
S33001	2.8	30.0	-12.2	4.5	36.6	-8.6	6.2	36.4	-6.0
S34001	2.7	24.4	-6.9	4.1	29.4	-10.7	3.6	30.1	-5.1
S35002	2.8	24.8	-11.4	4.8	29.7	-10.4	4.0	30.8	-5.5
S35005	1.9	10.7	-6.1	4.0	11.5	-6.2	5.3	14.8	-0.2
S36015	2.6	13.0	-9.8	5.4	13.8	-6.3	5.8	18.9	0.9
S36019	3.0	15.6	-6.8	6.9	16.8	-7.3	8.4	23.2	1.5
S38001	2.0	11.8	-10.1	5.2	12.5	-10.2	3.6	15.8	-4.3
S39009	3.1	29.0	-7.5	5.2	33.3	-6.3	7.1	32.1	0.2

SSP126									
MAM									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-4.9	11.2	-14.0	-7.0	3.8	-14.4	-9.8	1.1	-19.3
S06014	-4.7	11.2	-13.8	-6.8	4.1	-13.9	-9.5	1.3	-18.8
S07009	-5.2	8.3	-10.8	-6.5	-0.7	-15.6	-11.6	-2.8	-19.3
S07012	-5.2	8.1	-10.7	-6.5	-0.8	-15.5	-11.5	-2.9	-19.2
S12001	-4.7	14.0	-13.9	-4.3	2.7	-14.7	-8.4	-0.7	-17.4
S14007	-5.4	5.0	-14.8	-7.9	0.1	-16.4	-12.7	-1.6	-19.9
S15003	-5.1	11.6	-12.2	-5.1	1.2	-13.5	-9.6	-0.3	-17.0
S15006	-5.4	16.0	-12.8	-4.3	4.5	-14.4	-9.6	-0.2	-17.9
S15007	-4.3	15.4	-15.5	-6.0	10.6	-22.8	-13.8	14.1	-19.6
S16008	-6.0	8.8	-16.7	-8.3	0.9	-17.3	-14.5	-1.1	-20.7
S16011	-5.0	8.5	-14.5	-6.1	1.2	-14.5	-11.4	-0.4	-17.2
S18002	-2.9	13.7	-13.5	-4.4	3.4	-15.1	-8.7	-1.0	-15.5
S18003	-2.9	13.3	-13.0	-4.0	3.3	-14.5	-8.2	-0.7	-15.0
S18006	-3.0	13.1	-12.9	-3.9	3.2	-14.4	-8.1	-0.7	-14.9
S18050	-3.1	12.8	-12.6	-5.2	3.1	-13.7	-8.4	0.1	-14.6
S22006	-2.4	14.9	-13.1	-4.5	5.1	-13.0	-7.1	1.8	-13.6
S22035	-3.0	15.3	-13.6	-4.3	5.4	-15.5	-6.5	2.1	-15.7
S23002	-5.1	12.1	-10.1	-5.9	2.3	-13.0	-9.9	-1.3	-13.5
S24008	-6.0	12.2	-11.2	-6.5	1.4	-16.1	-11.6	-3.7	-16.2
S24030	-5.8	12.3	-10.7	-5.9	1.7	-15.4	-10.7	-3.5	-15.3
S25002	-6.0	18.3	-15.3	-3.7	6.6	-15.6	-9.2	0.5	-20.6
S25006	-5.9	10.5	-19.2	-5.8	-0.6	-19.3	-8.3	-2.6	-21.9
S25030	-6.5	17.9	-11.6	-4.0	6.9	-13.5	-9.2	2.3	-16.4
S25034	-4.7	9.5	-14.5	-5.3	0.1	-16.4	-8.1	-1.8	-19.8
S26021	-5.1	8.6	-14.6	-6.0	-0.4	-16.8	-8.4	-2.5	-20.1
S26058	-5.0	3.7	-14.5	-6.6	-0.2	-16.7	-12.1	-2.2	-19.8
S27002	-8.4	24.4	-16.1	-5.3	9.7	-17.1	-10.7	3.9	-20.4
S30007	-4.6	12.1	-15.4	-4.2	1.6	-16.4	-8.6	0.9	-18.8
S32012	-5.1	13.9	-15.1	-5.2	7.5	-18.8	-7.9	10.9	-19.3
S33001	-4.3	15.4	-15.5	-6.0	10.6	-22.8	-13.8	14.1	-19.6
S34001	-4.7	12.3	-15.2	-5.2	5.3	-15.5	-6.7	7.8	-17.8
S35002	-2.8	13.5	-14.1	-4.8	6.7	-14.0	-9.1	9.9	-17.2
S35005	-4.3	7.1	-14.2	-4.8	0.7	-13.4	-8.5	-1.2	-18.6
S36015	-3.3	6.0	-15.8	-7.1	-1.6	-14.7	-12.9	-2.0	-19.3
S36019	-6.7	6.8	-20.6	-8.2	0.0	-19.8	-12.6	-2.4	-24.6
S38001	-3.6	6.3	-13.5	-5.6	1.2	-13.3	-9.7	0.6	-16.0
S39009	-3.8	11.2	-13.8	-6.0	7.3	-16.3	-7.9	9.3	-18.5

SSP370									
MAM									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-3.3	12.6	-10.5	-6.4	3.1	-13.9	-7.4	7.3	-21.8
S06014	-3.2	12.5	-10.3	-6.1	3.4	-13.6	-7.1	7.6	-21.3
S07009	-2.5	7.9	-10.8	-6.7	2.7	-14.7	-8.2	3.3	-21.4
S07012	-2.4	7.6	-10.8	-6.7	2.6	-14.6	-8.2	2.9	-21.2
S12001	-2.9	12.6	-10.1	-3.8	6.4	-12.9	-2.6	12.9	-21.1
S14007	-4.5	7.8	-12.4	-6.8	2.8	-17.6	-6.8	1.8	-22.9
S15003	-3.5	10.4	-9.5	-4.5	4.6	-12.7	-5.1	3.5	-19.9
S15006	-4.3	14.7	-10.2	-4.4	4.2	-12.7	-4.4	4.8	-21.2
S15007	-0.1	13.6	-12.0	-6.6	9.0	-14.0	-6.1	12.4	-20.0
S16008	-5.0	10.2	-11.6	-7.3	4.0	-15.7	-10.0	1.6	-26.1
S16011	-3.9	9.4	-9.4	-6.0	4.9	-12.5	-7.4	3.0	-21.3
S18002	-1.6	16.6	-11.1	-4.4	8.3	-11.6	-4.7	3.4	-16.2
S18003	-1.3	16.3	-10.9	-4.1	8.2	-11.1	-4.6	3.7	-15.5
S18006	-1.2	16.1	-10.9	-4.1	8.1	-11.0	-4.7	3.6	-15.5
S18050	-1.8	15.7	-10.6	-3.7	8.6	-10.7	-4.2	4.4	-16.6
S22006	-1.6	17.5	-10.5	-2.8	10.0	-10.2	-3.6	5.6	-16.2
S22035	-0.6	17.7	-11.4	-4.0	10.4	-10.1	-3.7	6.3	-15.8
S23002	-2.3	11.0	-10.1	-4.5	2.9	-10.6	-5.4	1.4	-16.2
S24008	-3.4	10.9	-11.5	-5.6	0.8	-13.4	-7.2	-1.6	-19.0
S24030	-2.9	11.0	-11.8	-5.0	1.4	-12.5	-6.7	-0.8	-17.9
S25002	-3.8	17.1	-12.2	-6.5	5.8	-13.7	-7.3	7.1	-23.6
S25006	-2.6	8.5	-14.4	-8.3	2.6	-14.4	-8.4	2.9	-21.9
S25030	-3.6	15.4	-11.2	-6.2	6.6	-10.6	-6.3	7.2	-16.7
S25034	-2.0	8.4	-12.6	-6.9	3.0	-13.2	-7.7	3.8	-18.8
S26021	-2.2	7.6	-13.2	-7.2	2.4	-13.5	-7.9	2.4	-19.2
S26058	-3.6	6.0	-13.1	-7.5	2.4	-17.6	-8.0	2.6	-23.2
S27002	-3.9	20.8	-15.4	-6.6	9.1	-13.7	-6.5	11.2	-20.5
S30007	-2.9	9.6	-13.6	-7.8	2.1	-10.4	-5.7	1.5	-16.3
S32012	-0.8	12.3	-11.7	-5.7	5.4	-13.7	-3.3	11.3	-18.9
S33001	-0.1	13.6	-12.0	-6.6	9.0	-14.0	-6.1	12.4	-20.0
S34001	-2.5	11.3	-12.8	-7.2	3.6	-11.4	-5.6	7.5	-17.1
S35002	-1.8	10.8	-10.4	-6.2	5.2	-10.1	-5.8	10.1	-15.8
S35005	-2.6	6.8	-12.0	-7.5	3.0	-11.9	-5.3	2.8	-18.2
S36015	-2.2	4.2	-12.6	-8.0	0.5	-12.1	-6.7	1.5	-18.1
S36019	-4.6	9.2	-17.2	-10.8	3.9	-16.5	-9.0	3.9	-26.6
S38001	-1.0	4.2	-9.3	-5.6	3.7	-10.1	-4.4	2.8	-13.8
S39009	-1.2	11.3	-9.4	-5.1	7.7	-12.9	-4.2	11.2	-16.6

SSP585									
MAM									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-0.4	15.4	-10.9	-8.6	8.3	-12.1	-12.6	8.1	-19.7
S06014	-0.3	15.4	-10.6	-8.3	8.4	-11.8	-12.1	8.3	-19.1
S07009	-1.2	7.4	-11.3	-9.4	1.4	-11.6	-13.1	2.1	-20.6
S07012	-1.3	7.3	-11.2	-9.6	1.1	-11.6	-13.2	1.5	-20.7
S12001	1.3	11.8	-12.0	-6.6	6.3	-9.9	-10.8	13.7	-19.5
S14007	-0.7	5.7	-13.3	-9.2	3.1	-17.6	-12.4	-0.1	-19.6
S15003	0.4	10.9	-11.1	-7.4	4.1	-12.4	-12.1	4.7	-19.1
S15006	-0.3	15.9	-11.7	-7.4	6.8	-13.6	-13.0	10.1	-20.4
S15007	0.2	22.4	-13.0	-7.3	12.9	-18.0	-6.9	11.2	-23.2
S16008	-3.7	9.8	-12.2	-10.9	2.2	-16.4	-15.2	3.1	-22.6
S16011	-2.5	9.3	-10.2	-8.5	2.7	-13.3	-12.1	4.5	-18.3
S18002	-3.0	13.7	-7.7	-5.5	3.6	-11.8	-10.6	5.9	-15.0
S18003	-2.7	13.5	-7.6	-5.2	3.5	-11.7	-10.4	5.6	-14.6
S18006	-2.6	13.3	-7.6	-5.2	3.3	-11.6	-10.3	5.3	-14.6
S18050	-2.8	12.6	-8.8	-5.3	3.6	-10.9	-9.4	5.3	-17.2
S22006	-2.5	14.0	-8.7	-4.6	4.4	-10.5	-9.2	6.7	-18.0
S22035	-0.7	14.8	-9.3	-5.2	4.7	-10.1	-7.0	7.5	-19.7
S23002	-3.5	12.0	-9.1	-6.3	1.2	-11.7	-10.7	3.6	-18.5
S24008	-3.7	12.1	-9.2	-8.2	0.3	-13.6	-13.4	3.3	-18.7
S24030	-4.2	12.0	-8.7	-7.6	0.5	-13.1	-11.8	3.7	-17.7
S25002	-2.6	19.4	-11.7	-7.8	8.4	-14.6	-14.2	8.0	-21.1
S25006	-2.5	9.6	-14.6	-9.0	1.3	-17.7	-14.1	0.8	-21.2
S25030	-2.9	19.7	-9.6	-7.5	8.2	-12.3	-10.0	11.0	-17.8
S25034	-0.8	8.7	-13.8	-7.2	1.6	-15.2	-11.8	0.2	-20.1
S26021	-1.2	8.1	-14.2	-7.4	1.0	-15.5	-12.8	-1.0	-20.3
S26058	-1.8	4.6	-14.2	-10.3	1.1	-18.4	-13.3	-6.2	-20.2
S27002	-3.7	26.5	-13.1	-8.1	11.7	-15.0	-10.4	16.8	-21.9
S30007	-3.2	13.3	-12.3	-7.2	3.0	-15.0	-8.9	5.7	-19.3
S32012	0.7	21.3	-11.4	-5.5	10.2	-17.7	-5.5	11.8	-22.1
S33001	0.2	22.4	-13.0	-7.3	12.9	-18.0	-6.9	11.2	-23.2
S34001	-1.3	19.7	-11.6	-6.5	8.0	-16.1	-8.8	8.2	-19.6
S35002	-0.4	20.8	-10.5	-5.8	7.9	-14.9	-7.6	11.0	-20.5
S35005	-0.9	9.5	-12.6	-6.7	2.4	-15.8	-10.0	-0.1	-17.0
S36015	-1.3	9.4	-13.1	-9.2	-1.0	-16.1	-12.4	-1.1	-19.9
S36019	-3.3	13.0	-17.3	-10.6	2.4	-20.3	-15.6	-3.2	-23.6
S38001	-0.8	11.7	-10.1	-6.2	-0.1	-14.1	-9.1	2.4	-16.8
S39009	-0.9	18.5	-11.1	-6.8	13.8	-17.7	-7.6	8.9	-20.2

SSP126									
JJA									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	3.3	30.0	-17.7	5.5	40.1	-11.0	3.9	42.8	-9.8
S06014	3.0	29.2	-17.9	4.4	39.3	-11.4	3.5	41.5	-10.2
S07009	-0.6	17.3	-16.4	1.5	21.0	-16.7	-1.3	19.9	-10.7
S07012	-0.6	16.4	-16.7	1.2	20.4	-17.0	-1.5	19.1	-11.1
S12001	-4.3	34.1	-21.7	-5.3	40.7	-24.7	-6.9	39.2	-20.0
S14007	-0.4	12.6	-15.9	0.9	21.2	-16.5	-0.7	15.7	-10.4
S15003	-2.8	29.8	-17.3	-4.8	39.8	-23.9	-2.3	32.0	-12.6
S15006	-1.3	38.2	-17.2	-4.9	42.9	-23.6	-2.6	49.0	-14.1
S15007	-5.0	14.1	-8.3	0.9	18.4	-16.5	7.7	21.7	-12.4
S16008	-2.1	37.5	-22.0	-5.3	21.2	-26.4	-5.0	14.2	-17.0
S16011	-2.0	28.7	-19.4	-7.2	16.2	-24.3	-6.1	9.9	-14.6
S18002	0.5	31.4	-11.8	-1.0	23.3	-23.7	-0.8	23.3	-17.3
S18003	-0.3	30.2	-11.5	-3.3	22.8	-23.6	-1.6	22.4	-16.8
S18006	-0.7	29.6	-11.5	-3.5	22.5	-23.6	-2.0	22.1	-16.7
S18050	-6.4	26.0	-11.7	-4.7	21.0	-25.0	-5.4	20.2	-17.2
S22006	-5.9	22.9	-12.6	-4.7	16.7	-25.9	-5.8	14.2	-17.8
S22035	-4.9	22.2	-12.4	-6.1	16.4	-23.5	-6.1	14.2	-15.3
S23002	-6.6	26.9	-14.9	-3.2	27.2	-25.0	-2.0	20.6	-17.5
S24008	1.9	32.7	-15.5	2.9	29.4	-23.0	1.9	22.2	-19.1
S24030	1.5	32.4	-14.9	3.5	29.3	-22.3	2.4	22.8	-18.5
S25002	4.4	59.9	-22.9	-8.2	59.7	-28.2	2.3	61.6	-17.5
S25006	4.2	20.9	-17.0	0.7	16.8	-17.1	0.5	19.4	-16.1
S25030	2.2	49.1	-15.6	0.3	52.4	-20.4	6.0	51.3	-13.2
S25034	2.9	13.7	-13.0	3.3	19.5	-17.1	0.7	24.0	-11.1
S26021	2.3	11.9	-13.7	2.4	17.4	-17.8	-0.8	21.4	-12.1
S26058	-0.5	8.1	-17.6	0.9	14.3	-18.0	-2.2	13.2	-14.1
S27002	1.1	87.1	-23.0	2.2	89.1	-30.4	10.6	88.1	-19.8
S30007	0.8	20.7	-11.2	2.6	19.5	-11.4	8.4	18.9	-8.9
S32012	-5.5	15.2	-15.3	0.1	23.8	-16.7	8.1	21.8	-12.5
S33001	-5.0	14.1	-8.3	0.9	18.4	-16.5	7.7	21.7	-12.4
S34001	-3.8	17.4	-14.4	1.9	25.3	-10.4	7.3	25.2	-10.5
S35002	-3.2	14.6	-10.4	2.4	19.4	-11.6	7.4	23.8	-12.7
S35005	3.0	14.2	-18.5	3.4	23.9	-13.1	3.6	23.0	-14.2
S36015	4.2	18.8	-12.7	5.0	23.4	-11.5	7.2	25.7	-11.7
S36019	3.4	28.1	-27.7	5.4	36.2	-17.6	1.1	35.9	-17.3
S38001	-4.1	9.6	-13.4	-0.6	10.0	-11.6	7.5	11.7	-14.8
S39009	-1.3	14.9	-9.3	-0.5	17.7	-16.5	6.8	28.7	-15.0

SSP370									
JJA									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-1.4	19.7	-10.7	-5.3	34.7	-14.7	-14.2	16.6	-21.5
S06014	-2.4	18.1	-11.3	-6.0	34.1	-14.9	-15.3	13.9	-22.2
S07009	-9.6	6.8	-15.1	-6.0	13.1	-20.1	-17.2	1.9	-27.5
S07012	-9.8	6.0	-15.6	-6.7	12.4	-20.3	-17.6	0.6	-28.0
S12001	-12.8	14.4	-19.9	-12.1	28.4	-23.9	-29.7	5.1	-35.7
S14007	-7.2	9.0	-13.7	-4.1	13.9	-19.4	-17.6	6.8	-24.6
S15003	-7.1	13.9	-15.2	-10.7	31.1	-19.8	-22.3	11.6	-30.4
S15006	-5.7	22.5	-12.0	-10.3	40.7	-20.4	-20.4	15.6	-30.4
S15007	-3.1	10.8	-9.7	-7.2	12.9	-20.6	-20.0	1.7	-29.1
S16008	-2.9	11.0	-16.6	-12.3	17.1	-27.2	-28.6	-8.2	-39.1
S16011	-3.0	8.3	-14.8	-11.7	13.6	-25.2	-27.3	-9.8	-36.4
S18002	-3.1	18.6	-14.6	-10.5	25.7	-23.5	-21.4	1.8	-35.6
S18003	-5.9	16.6	-14.8	-10.8	24.9	-26.1	-24.2	1.1	-35.8
S18006	-6.0	15.7	-15.1	-11.0	24.3	-26.1	-24.6	0.6	-36.1
S18050	-6.2	11.5	-17.1	-12.8	21.6	-27.0	-27.3	-2.4	-38.1
S22006	-6.4	10.3	-18.4	-14.1	18.2	-27.8	-28.6	-10.8	-41.7
S22035	-4.4	9.7	-21.3	-14.2	17.9	-27.8	-28.6	-10.9	-39.8
S23002	-3.2	14.5	-17.2	-13.4	25.6	-27.4	-27.5	0.4	-38.4
S24008	1.2	20.2	-13.4	-9.0	29.4	-21.7	-21.2	4.8	-33.4
S24030	1.6	20.6	-12.7	-8.4	29.7	-22.8	-18.8	5.9	-32.4
S25002	-3.6	30.3	-19.9	-13.7	55.7	-30.1	-34.5	18.6	-47.1
S25006	-3.6	5.6	-13.5	-10.5	6.4	-22.8	-23.7	-10.1	-33.7
S25030	0.7	31.6	-11.9	-9.0	51.7	-22.1	-24.5	23.1	-31.7
S25034	-4.3	7.2	-12.3	-3.9	13.4	-19.0	-18.8	2.5	-26.2
S26021	-4.6	4.7	-13.5	-5.9	10.3	-19.9	-20.0	-1.6	-27.7
S26058	-9.1	4.4	-17.3	-8.5	7.1	-20.0	-19.5	-2.3	-28.0
S27002	2.1	53.7	-13.7	-12.9	88.0	-33.4	-34.8	41.4	-46.2
S30007	1.2	8.4	-11.1	-8.2	18.6	-22.8	-21.8	0.6	-26.9
S32012	-2.4	7.3	-11.6	-7.3	19.6	-22.3	-23.2	1.2	-28.7
S33001	-3.1	10.8	-9.7	-7.2	12.9	-20.6	-20.0	1.7	-29.1
S34001	0.0	7.6	-10.6	-4.7	20.8	-22.0	-20.0	3.6	-27.2
S35002	-2.7	9.5	-12.1	-6.2	13.7	-25.2	-19.3	3.0	-29.4
S35005	-4.3	3.9	-14.6	-9.6	18.5	-19.8	-19.7	-1.0	-26.6
S36015	-3.9	10.8	-12.7	-6.4	18.9	-16.2	-16.7	3.2	-25.1
S36019	-4.1	10.9	-17.9	-12.5	27.8	-21.5	-26.0	-0.2	-33.0
S38001	-6.2	5.9	-14.2	-7.8	9.4	-20.9	-15.9	-4.4	-28.0
S39009	-3.6	11.7	-9.8	-7.0	21.1	-20.2	-15.5	0.9	-27.4

SSP585									
JJA									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-3.1	32.0	-13.5	-7.6	22.0	-19.2	-15.9	13.9	-25.3
S06014	-3.3	30.8	-14.0	-8.2	21.3	-19.8	-17.7	11.3	-26.2
S07009	-4.1	16.9	-22.1	-13.5	0.3	-21.8	-20.2	-1.9	-30.4
S07012	-4.5	16.0	-22.4	-13.9	-0.8	-22.3	-21.3	-3.4	-31.3
S12001	-6.1	25.2	-28.7	-21.2	12.3	-33.3	-33.8	2.9	-42.6
S14007	-3.0	13.0	-20.9	-12.8	-1.7	-21.0	-18.3	-3.2	-28.3
S15003	-5.2	20.2	-23.3	-16.4	12.8	-27.3	-26.5	5.2	-35.4
S15006	-5.5	33.8	-20.4	-15.4	21.9	-27.1	-25.9	10.0	-34.2
S15007	-0.9	18.2	-19.2	-13.1	5.1	-27.9	-23.7	-7.8	-37.7
S16008	-4.9	12.9	-27.5	-19.6	0.8	-33.7	-31.9	-18.2	-44.6
S16011	-4.6	8.8	-24.9	-18.2	-0.9	-33.2	-29.9	-17.5	-42.4
S18002	-6.1	18.5	-23.3	-19.7	9.9	-28.7	-28.9	-2.6	-40.6
S18003	-8.5	17.4	-23.6	-20.2	7.1	-29.0	-29.3	-6.2	-41.0
S18006	-8.5	16.8	-23.8	-20.5	6.6	-29.2	-29.7	-6.9	-41.3
S18050	-10.0	13.2	-25.1	-22.7	4.0	-32.3	-32.5	-11.2	-44.6
S22006	-9.8	11.1	-25.5	-22.7	-1.2	-34.0	-35.3	-18.6	-49.1
S22035	-9.6	10.7	-25.6	-20.5	-1.2	-35.7	-34.7	-18.5	-50.3
S23002	-10.3	13.3	-25.1	-22.8	4.7	-32.6	-31.8	-11.7	-45.0
S24008	-5.2	19.9	-21.0	-18.3	8.1	-27.4	-24.1	-4.4	-37.8
S24030	-4.9	20.4	-20.4	-17.6	8.6	-26.6	-23.0	-2.9	-36.8
S25002	-6.1	39.6	-32.8	-20.4	30.6	-44.6	-35.9	7.2	-52.2
S25006	-2.7	14.9	-19.0	-17.0	-5.4	-30.0	-28.1	-15.4	-38.0
S25030	-3.1	46.3	-22.4	-14.6	31.1	-30.5	-21.8	13.3	-35.6
S25034	-2.0	14.8	-21.5	-13.8	-0.8	-22.5	-18.6	-7.2	-31.2
S26021	-2.3	12.9	-21.6	-14.5	-2.8	-24.1	-21.2	-10.5	-33.0
S26058	-3.4	9.3	-24.1	-15.4	-8.1	-24.3	-23.9	-13.2	-33.5
S27002	-4.2	82.2	-31.8	-19.0	54.1	-42.0	-31.6	25.8	-48.6
S30007	-1.2	20.4	-16.1	-15.6	3.5	-24.4	-21.0	-6.7	-30.6
S32012	-1.1	15.2	-20.9	-17.5	5.9	-27.6	-24.2	-9.7	-37.8
S33001	-0.9	18.2	-19.2	-13.1	5.1	-27.9	-23.7	-7.8	-37.7
S34001	-0.7	19.2	-18.3	-12.1	8.7	-25.4	-20.4	-6.1	-30.1
S35002	-2.6	16.1	-19.4	-15.7	6.7	-27.9	-23.0	-5.0	-34.2
S35005	-2.7	13.8	-18.1	-14.6	7.5	-25.0	-22.8	-4.8	-33.9
S36015	-2.3	18.7	-17.2	-10.9	8.7	-23.5	-19.7	-3.2	-29.8
S36019	-2.9	30.3	-22.0	-14.7	13.5	-34.5	-29.9	-1.7	-41.3
S38001	-3.4	6.9	-20.5	-13.1	0.7	-28.5	-22.5	-12.0	-35.3
S39009	-1.0	15.4	-13.5	-14.5	7.8	-29.1	-21.6	-5.1	-36.5

SSP126 SON									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	13.2	29.0	-4.2	14.4	39.6	8.1	27.4	52.6	10.5
S06014	11.9	27.5	-4.1	13.3	36.8	7.4	25.8	48.8	9.0
S07009	9.5	24.2	-5.2	11.6	32.2	-1.3	23.6	39.5	4.5
S07012	8.8	23.5	-5.2	11.2	31.2	-1.4	23.0	38.3	4.2
S12001	15.4	32.9	-9.9	15.2	28.5	-4.4	29.8	48.0	4.8
S14007	7.9	23.9	-6.2	11.7	35.0	-7.9	24.6	35.4	4.1
S15003	10.6	22.7	-6.4	10.7	21.8	-1.4	21.4	26.4	3.9
S15006	10.7	29.0	-4.1	11.7	28.4	-1.7	23.1	35.2	4.3
S15007	7.7	25.2	-8.0	8.1	32.8	-1.6	15.3	36.5	-0.9
S16008	16.5	26.8	-13.8	12.5	26.7	3.6	25.8	37.0	4.3
S16011	16.3	25.6	-15.1	11.1	23.6	2.5	24.0	35.7	3.3
S18002	7.5	22.8	-10.6	8.1	24.6	-1.3	18.2	33.7	-0.7
S18003	7.1	21.5	-10.1	6.2	23.1	-1.6	15.6	31.5	-1.3
S18006	6.9	20.9	-9.9	6.0	22.4	-1.6	15.1	30.5	-1.4
S18050	5.6	18.0	-9.0	5.0	17.3	-1.9	12.7	25.7	-2.4
S22006	4.7	17.1	-8.9	3.6	16.0	-2.9	10.5	23.5	-3.4
S22035	5.7	16.7	-9.7	3.4	15.7	-5.5	10.1	22.8	-3.8
S23002	5.7	17.1	-9.2	6.0	17.1	-2.1	14.7	25.3	-2.1
S24008	9.4	28.7	-11.7	12.1	30.6	-0.4	23.5	42.8	2.1
S24030	8.7	26.4	-10.9	11.4	28.9	-0.5	23.4	40.2	1.2
S25002	10.7	25.9	-4.1	9.0	24.6	6.5	19.5	33.0	6.8
S25006	15.6	29.8	-5.4	17.1	41.2	6.3	32.3	47.5	14.0
S25030	7.7	26.7	-8.9	8.4	29.6	2.3	18.5	38.0	-0.1
S25034	7.5	23.0	-3.8	10.8	30.5	-1.5	20.7	32.5	2.9
S26021	6.9	21.6	-3.5	11.0	29.6	-1.6	21.3	32.1	3.0
S26058	4.8	21.6	-6.5	9.8	28.9	-8.6	20.2	31.2	1.5
S27002	9.5	31.8	-11.1	9.6	35.6	3.2	22.5	45.4	-1.1
S30007	8.1	18.2	-9.0	9.5	28.8	2.7	20.0	31.1	0.6
S32012	7.6	21.2	-8.5	7.5	28.7	-2.6	14.2	32.3	-1.6
S33001	7.7	25.2	-8.0	8.1	32.8	-1.6	15.3	36.5	-0.9
S34001	8.5	25.3	-9.4	9.7	33.8	3.7	17.6	38.7	-0.4
S35002	7.2	22.4	-8.6	7.6	29.2	2.4	14.9	33.1	-2.1
S35005	4.9	18.0	-5.6	7.2	21.3	3.3	16.0	22.4	1.6
S36015	6.9	18.8	-5.5	9.7	26.5	5.2	18.8	28.4	4.2
S36019	10.2	30.3	-6.5	13.8	38.0	8.8	29.3	41.3	7.7
S38001	5.7	10.4	-6.1	4.8	20.4	-0.1	8.2	15.3	-2.1
S39009	6.2	26.3	-7.2	5.9	31.3	-3.2	8.5	37.8	-1.9

SSP370 SON									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	4.8	33.5	-2.9	20.3	44.3	4.8	19.1	41.4	1.3
S06014	4.2	30.9	-3.3	18.4	40.9	3.7	17.3	37.5	0.4
S07009	4.5	22.4	-6.0	15.8	29.4	-1.1	12.5	29.3	-7.0
S07012	4.4	21.8	-6.1	15.1	28.5	-1.3	12.0	28.1	-7.1
S12001	5.8	33.9	-12.2	14.1	35.9	-3.8	12.3	28.4	-12.7
S14007	1.5	23.1	-5.9	14.7	32.7	-2.9	13.3	31.2	-6.9
S15003	5.2	22.7	-9.1	9.3	23.6	-1.3	8.3	20.1	-6.7
S15006	5.3	30.6	-9.9	9.7	34.0	-1.5	9.7	27.5	-7.2
S15007	5.1	25.3	-3.3	5.5	35.9	0.2	9.6	36.6	-6.7
S16008	12.2	24.7	-11.7	11.7	26.4	-0.1	6.4	23.6	-7.1
S16011	10.9	23.7	-13.3	9.5	25.2	-2.4	2.4	21.3	-12.4
S18002	6.2	23.3	-8.1	7.4	24.4	-2.5	7.0	20.3	-6.4
S18003	6.0	21.8	-7.7	6.7	22.8	-2.6	6.4	18.7	-6.2
S18006	5.8	21.2	-7.6	6.3	22.0	-2.7	6.0	17.9	-6.2
S18050	5.3	16.6	-6.8	4.2	18.7	-2.9	4.1	14.5	-6.0
S22006	5.1	15.5	-6.9	3.3	16.7	-3.1	3.1	12.4	-8.1
S22035	4.5	15.1	-7.6	3.3	16.3	-4.8	3.3	12.3	-9.8
S23002	5.1	17.7	-7.3	3.6	18.8	-3.3	4.3	17.6	-7.7
S24008	7.2	29.3	-9.9	9.7	32.1	-2.1	8.5	30.5	-7.2
S24030	7.1	27.4	-9.1	9.2	29.5	-1.9	8.4	28.6	-6.7
S25002	10.0	25.4	-8.9	9.7	28.9	0.0	8.0	22.5	-6.3
S25006	7.4	28.3	-6.3	19.3	39.5	4.2	11.4	35.2	1.7
S25030	8.6	28.2	-6.7	8.8	31.8	-0.5	6.4	31.4	-3.7
S25034	4.4	21.3	-6.0	13.2	30.6	-1.6	11.8	28.8	-7.2
S26021	4.3	20.7	-6.5	12.5	29.4	-1.7	11.0	27.2	-7.6
S26058	0.7	19.6	-6.5	11.8	28.9	-4.6	9.2	26.6	-8.7
S27002	9.7	33.9	-7.7	11.6	37.1	0.4	9.8	37.7	-2.1
S30007	8.7	19.4	-3.9	9.2	27.3	3.1	8.9	26.7	1.7
S32012	7.7	22.9	-3.5	9.7	31.1	-0.9	7.9	31.4	-1.1
S33001	5.1	25.3	-3.3	5.5	35.9	0.2	9.6	36.6	-6.7
S34001	6.7	26.3	-2.5	12.0	36.1	3.5	9.0	35.6	2.6
S35002	2.8	23.1	-2.6	6.2	31.4	1.4	9.3	31.4	1.5
S35005	2.4	17.5	-4.6	8.7	21.9	-1.3	7.9	18.4	-2.8
S36015	2.9	21.6	-4.4	10.3	28.1	1.0	11.3	28.6	-1.9
S36019	4.9	31.6	-4.9	19.8	41.5	3.4	17.5	36.5	-0.6
S38001	3.8	11.1	-0.8	7.5	16.1	-0.5	7.8	16.3	-0.1
S39009	1.6	23.8	-2.1	6.6	34.7	-2.3	10.6	33.2	-1.9

SSP585 SON									
Catchment	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	11.0	29.4	-4.6	12.5	44.7	-2.7	13.3	45.5	1.7
S06014	9.8	27.6	-5.3	11.1	40.9	-3.2	11.7	40.9	0.1
S07009	3.9	22.5	-12.5	8.3	23.8	-12.0	7.5	29.5	-12.8
S07012	3.4	21.8	-12.7	7.5	22.8	-12.0	6.5	27.9	-13.1
S12001	5.7	28.0	-18.9	10.2	39.1	-17.7	4.1	23.8	-23.1
S14007	2.7	21.8	-12.2	8.0	25.3	-11.9	5.9	30.0	-12.2
S15003	3.9	18.7	-11.3	6.3	24.8	-11.1	6.5	16.4	-13.2
S15006	3.7	26.8	-12.0	5.9	31.4	-11.8	5.5	23.9	-14.4
S15007	5.6	27.0	-3.3	5.8	34.4	-5.3	6.2	35.1	-2.3
S16008	11.1	22.7	-13.7	5.9	24.6	-4.2	2.3	22.3	-11.4
S16011	10.0	21.7	-15.9	3.2	21.4	-7.3	-3.6	17.3	-16.6
S18002	6.6	23.1	-12.2	4.9	25.4	-10.0	1.4	16.9	-10.1
S18003	6.1	22.0	-11.9	4.9	24.0	-9.7	1.3	15.2	-9.7
S18006	5.7	21.4	-11.9	4.7	23.2	-9.7	1.0	14.6	-9.9
S18050	4.5	17.3	-11.3	4.2	19.7	-9.2	-0.1	12.1	-10.1
S22006	4.2	16.3	-10.4	4.4	18.4	-9.9	-1.5	10.3	-13.5
S22035	3.8	16.0	-11.7	5.2	18.2	-12.3	-1.2	10.3	-14.8
S23002	3.9	17.0	-12.2	2.8	19.7	-10.0	0.8	11.0	-11.7
S24008	8.1	27.8	-13.7	5.1	31.4	-11.8	4.5	20.3	-11.0
S24030	8.0	26.7	-13.0	5.4	29.9	-11.3	5.1	20.7	-10.0
S25002	9.9	24.1	-9.3	4.9	25.9	-3.7	3.1	23.4	-9.4
S25006	12.3	27.4	-15.7	9.1	27.4	-5.9	2.8	35.6	-8.9
S25030	8.5	27.9	-8.7	4.0	30.7	-3.0	3.0	27.8	-4.7
S25034	4.2	20.8	-12.2	8.4	23.4	-11.8	5.7	28.4	-12.6
S26021	3.9	20.0	-12.8	7.3	22.1	-12.1	4.2	26.2	-13.6
S26058	1.7	18.2	-13.0	5.4	21.6	-12.0	3.8	25.2	-14.1
S27002	10.4	33.5	-9.6	5.7	37.0	-1.6	5.2	35.4	-2.2
S30007	9.1	20.4	-8.2	6.5	24.2	-2.0	7.4	23.3	-2.3
S32012	5.4	22.4	-2.4	5.8	29.9	-3.8	6.4	31.0	-0.8
S33001	5.6	27.0	-3.3	5.8	34.4	-5.3	6.2	35.1	-2.3
S34001	8.1	28.3	-3.7	7.5	33.4	2.1	9.3	36.1	2.1
S35002	6.5	25.0	-3.1	5.6	29.9	1.6	8.2	31.9	1.2
S35005	4.2	16.6	-6.8	6.2	19.4	-5.2	6.5	18.4	-6.4
S36015	6.2	19.9	-6.8	8.3	23.4	-4.8	12.3	24.2	-4.3
S36019	10.0	28.7	-7.4	12.5	34.3	-4.8	13.2	37.4	-1.3
S38001	3.7	12.0	-2.6	5.1	15.8	0.3	6.9	21.0	0.6
S39009	3.0	25.8	-2.8	5.4	32.6	-4.6	7.8	34.2	-1.7

Table S4 Median and 90 percent confidence interval of projected changes (percent) in annual Q95 low flows for each catchment using the SMART hydrological model for each future time period and SSP.

Catchment	2020s			SSP126 2050s			2080s		
	med	upp	low	median	upp	low	median	upp	low
S06013	-7.6	31.7	-16.9	-2.5	23.6	-15.5	0.3	26.4	-16.4
S06014	-7.0	33.1	-17.0	-3.6	26.2	-16.7	0.6	26.8	-16.2
S07009	-6.1	13.9	-19.5	-6.4	3.8	-27.8	-6.2	5.0	-24.2
S07012	-7.0	14.0	-20.1	-5.3	4.3	-28.8	-6.0	5.6	-24.3
S12001	-7.7	26.2	-15.0	-4.1	14.1	-21.3	-3.3	14.4	-19.0
S14007	-6.3	13.4	-19.7	-6.2	3.4	-28.0	-5.5	5.3	-24.1
S15003	-7.4	31.0	-20.0	-9.2	21.4	-28.0	-6.8	13.9	-23.7
S15006	-3.9	35.8	-17.2	-4.7	26.6	-23.4	-4.6	27.2	-20.5
S15007	-5.1	37.9	-20.5	-10.2	32.4	-21.3	-8.2	32.2	-19.1
S16008	-5.8	19.7	-19.0	-8.2	11.3	-19.9	-7.6	2.4	-18.6
S16011	-5.8	13.0	-13.7	-4.3	5.8	-14.3	-5.6	2.1	-13.8
S18002	-4.1	18.4	-13.7	-4.3	10.3	-22.5	-7.2	8.7	-21.2
S18003	-4.0	18.7	-16.1	-6.4	11.6	-24.3	-7.9	8.6	-22.8
S18006	-4.4	16.1	-14.8	-5.9	8.4	-22.7	-7.8	5.9	-21.7
S18050	-5.7	12.1	-15.5	-9.2	7.9	-24.0	-10.4	7.1	-24.0
S22006	-4.5	11.5	-13.9	-7.7	8.4	-21.1	-9.1	6.9	-20.2
S22035	-3.5	12.0	-15.2	-9.3	11.5	-20.3	-9.4	10.0	-18.7
S23002	-7.1	19.2	-16.3	-9.7	15.4	-24.8	-8.7	9.2	-24.8
S24008	-6.1	24.5	-13.8	-2.9	14.6	-22.7	-2.3	11.8	-21.8
S24030	-5.8	24.3	-14.6	-4.0	14.6	-24.3	-3.6	11.3	-22.9
S25002	-3.8	28.1	-16.8	-7.6	24.2	-16.0	-4.9	24.5	-15.1
S25006	-1.1	11.1	-11.4	-2.6	3.9	-14.4	-3.0	10.1	-14.2
S25030	-1.8	38.7	-14.9	-5.3	40.5	-15.7	-2.5	34.1	-14.5
S25034	-1.9	19.1	-17.7	-3.9	8.1	-27.6	-6.6	15.3	-23.2
S26021	-2.2	14.7	-17.8	-5.4	6.7	-27.3	-7.7	14.8	-23.3
S26058	-8.7	13.2	-17.9	-7.4	3.6	-28.4	-8.0	4.7	-24.0
S27002	-4.8	47.8	-19.1	-5.8	55.2	-20.0	-2.7	44.6	-19.7
S30007	-5.3	18.0	-13.1	-1.8	10.9	-15.0	-1.8	7.7	-18.7
S32012	-2.7	10.0	-13.8	-8.1	9.5	-22.1	-3.6	9.3	-19.8
S33001	-3.5	10.4	-14.5	-4.3	5.8	-20.3	-3.8	10.6	-20.8
S34001	-3.1	19.9	-14.8	-1.8	22.5	-14.4	2.6	15.7	-17.7
S35002	-1.6	9.9	-12.9	-5.4	7.4	-14.3	-1.9	8.7	-16.1
S35005	-4.0	11.3	-15.3	-7.3	7.6	-17.0	-2.1	7.2	-17.2
S36015	-4.0	15.4	-16.6	-7.3	8.2	-18.8	-4.5	9.8	-19.7
S36019	-5.1	22.8	-17.7	-7.4	14.5	-19.4	0.8	12.0	-21.3
S38001	-5.1	1.7	-15.6	-8.1	1.5	-16.7	-4.7	3.1	-21.4
S39009	-3.7	5.1	-18.5	-5.0	6.3	-25.5	-2.8	13.9	-26.5

Catchment	SSP370								
	2020s			2050s			2080s		
	med	upp	low	median	upp	low	median	upp	low
S06013	-3.0	20.6	-17.5	-8.9	22.6	-18.9	-14.7	3.2	-30.4
S06014	-2.6	22.2	-17.4	-9.1	23.8	-19.2	-15.6	2.7	-30.8
S07009	-5.5	8.7	-20.4	-11.3	0.9	-28.2	-21.7	-10.1	-37.3
S07012	-6.2	10.2	-21.2	-11.1	1.4	-27.7	-22.1	-8.5	-39.0
S12001	-5.1	15.7	-19.5	-8.8	9.9	-23.8	-17.0	-4.4	-30.1
S14007	-7.1	7.6	-20.4	-6.6	2.4	-31.6	-21.4	-7.8	-35.2
S15003	-7.7	19.5	-22.4	-15.3	15.5	-31.3	-24.0	-7.0	-39.9
S15006	-5.7	30.2	-20.2	-10.0	20.5	-26.6	-17.7	1.6	-33.2
S15007	-3.5	30.7	-18.4	-14.8	27.0	-29.8	-23.2	0.1	-36.7
S16008	-2.9	13.0	-17.8	-13.2	8.1	-28.2	-24.5	-9.3	-33.9
S16011	-1.2	9.8	-13.7	-9.6	4.0	-18.9	-17.9	-7.1	-24.3
S18002	-5.5	21.1	-18.8	-11.9	12.5	-25.3	-17.9	-7.5	-31.2
S18003	-5.9	20.3	-20.1	-14.3	11.5	-27.7	-20.8	-8.1	-34.7
S18006	-5.9	16.8	-18.4	-13.8	8.7	-25.8	-20.3	-9.7	-32.7
S18050	-7.7	13.6	-19.1	-18.3	7.3	-27.3	-24.8	-12.9	-37.7
S22006	-4.6	12.3	-17.5	-16.1	8.3	-23.7	-22.7	-11.1	-34.5
S22035	-5.2	12.0	-20.1	-14.1	8.8	-26.0	-24.7	-13.4	-36.8
S23002	-5.2	13.2	-20.5	-19.6	10.2	-28.6	-27.5	-9.2	-40.2
S24008	-1.7	21.2	-19.2	-10.6	15.5	-24.5	-17.4	-3.1	-31.2
S24030	-1.6	19.7	-20.1	-10.1	15.0	-27.0	-17.9	-3.4	-33.2
S25002	-2.9	20.9	-15.0	-14.4	19.9	-23.3	-23.1	-2.1	-32.2
S25006	-1.1	8.0	-14.2	-5.9	-0.2	-16.7	-15.0	-8.6	-25.7
S25030	1.0	32.9	-14.7	-14.0	34.3	-27.5	-23.6	10.4	-33.4
S25034	-4.1	12.7	-21.8	-8.4	3.0	-28.1	-20.6	-6.4	-37.6
S26021	-4.4	10.8	-21.4	-9.8	0.5	-27.1	-21.7	-8.3	-37.7
S26058	-7.5	10.1	-22.5	-11.7	0.6	-29.7	-21.7	-9.7	-38.4
S27002	-2.0	42.0	-17.5	-17.7	46.3	-29.4	-27.6	13.0	-38.7
S30007	-1.7	13.0	-17.4	-11.0	8.8	-22.6	-18.6	-6.1	-31.0
S32012	-3.4	6.1	-16.6	-13.8	3.1	-23.9	-22.3	-9.7	-34.4
S33001	-4.2	7.9	-11.8	-12.3	4.6	-21.7	-20.0	-6.7	-31.8
S34001	-3.2	16.0	-15.0	-9.5	13.4	-24.4	-21.6	-1.2	-33.7
S35002	-5.5	7.2	-12.5	-12.5	1.6	-21.6	-19.9	-6.6	-28.9
S35005	-4.5	5.0	-16.1	-14.0	1.6	-21.4	-20.8	-12.1	-32.5
S36015	-5.5	8.5	-18.8	-14.5	2.4	-25.3	-23.6	-9.3	-36.9
S36019	-3.7	13.5	-21.5	-12.0	11.4	-25.2	-24.6	-11.7	-37.3
S38001	-7.0	2.7	-16.7	-12.7	-5.7	-22.6	-22.6	-14.9	-30.8
S39009	-5.5	10.8	-16.9	-14.1	6.7	-29.6	-20.4	-8.4	-38.3

Catchment	SSP585								
	2020s			2050s			2080s		
	med	upp	low	median	upp	low	median	upp	low
S06013	-1.8	26.6	-15.6	-15.6	9.4	-22.8	-23.5	5.0	-34.4
S06014	-2.3	29.0	-16.9	-17.2	9.8	-23.1	-26.2	4.9	-35.0
S07009	-4.3	12.3	-21.5	-20.5	-6.2	-30.6	-27.5	-13.5	-44.7
S07012	-4.1	13.2	-22.1	-20.6	-5.9	-30.9	-27.7	-13.3	-45.1
S12001	-3.0	17.8	-17.4	-13.8	5.9	-25.9	-20.5	-1.5	-36.6
S14007	-5.8	9.5	-21.2	-18.6	-5.0	-31.5	-25.3	-13.8	-42.8
S15003	-6.3	22.3	-21.5	-21.5	3.5	-35.1	-28.8	-1.9	-44.2
S15006	-4.7	26.8	-17.9	-15.9	11.4	-29.9	-24.7	4.8	-38.2
S15007	-4.3	31.9	-21.6	-22.0	12.8	-33.2	-30.0	4.6	-42.8
S16008	-3.0	12.8	-19.6	-20.7	-5.8	-30.7	-28.1	-13.6	-39.4
S16011	-1.0	8.1	-12.3	-13.2	-3.7	-21.1	-19.3	-9.2	-28.4
S18002	-3.2	14.8	-17.1	-15.4	2.5	-28.9	-21.8	-9.0	-38.5
S18003	-5.1	13.8	-18.8	-18.9	1.7	-31.9	-24.8	-12.4	-41.8
S18006	-5.0	11.3	-18.1	-17.5	0.2	-30.0	-24.1	-12.9	-39.8
S18050	-7.4	10.5	-19.9	-20.1	-1.8	-33.7	-29.8	-14.6	-44.4
S22006	-5.6	10.2	-17.8	-17.6	-0.7	-30.8	-26.2	-12.1	-41.4
S22035	-6.3	11.0	-19.6	-17.8	-1.1	-33.8	-27.3	-11.7	-43.3
S23002	-8.4	13.6	-21.2	-21.0	1.4	-36.0	-30.1	-11.9	-47.3
S24008	-2.4	17.8	-18.2	-14.0	5.0	-28.6	-20.9	-2.5	-38.2
S24030	-2.6	17.7	-19.5	-16.0	3.5	-30.5	-21.4	-4.0	-40.0
S25002	-0.9	24.0	-18.9	-19.3	11.9	-29.8	-24.6	1.7	-39.8
S25006	-0.8	7.7	-11.3	-13.5	-4.0	-21.6	-19.4	-10.3	-30.8
S25030	0.5	37.2	-19.9	-18.4	26.5	-29.8	-27.2	12.9	-39.0
S25034	-4.2	15.3	-20.2	-18.8	-3.9	-29.9	-25.3	-11.2	-43.8
S26021	-5.4	12.5	-20.3	-19.4	-6.3	-30.2	-25.5	-13.8	-43.8
S26058	-8.1	13.5	-21.3	-22.3	-6.9	-30.2	-27.5	-14.9	-44.3
S27002	-0.8	46.4	-22.9	-22.6	25.0	-33.9	-30.2	14.4	-43.2
S30007	-3.6	16.6	-16.5	-19.3	-1.5	-24.1	-22.2	-8.6	-35.2
S32012	-3.5	11.5	-21.3	-16.8	1.8	-30.7	-28.6	-10.0	-40.6
S33001	-3.0	12.8	-15.5	-12.8	0.3	-27.3	-25.6	-7.8	-36.9
S34001	-1.3	24.4	-18.7	-14.2	5.3	-28.9	-26.8	-3.9	-34.4
S35002	-2.7	11.4	-17.6	-14.7	1.0	-26.1	-25.0	-7.7	-33.5
S35005	-2.4	8.5	-18.9	-18.7	-2.9	-27.8	-25.9	-11.3	-35.7
S36015	-1.7	12.4	-21.4	-20.9	-2.7	-30.7	-27.6	-9.2	-40.4
S36019	-4.8	18.3	-18.4	-22.0	-7.0	-29.4	-31.3	-12.6	-39.7
S38001	-5.3	4.6	-20.4	-17.5	-6.0	-30.7	-25.7	-15.4	-38.1
S39009	-6.5	10.4	-17.9	-14.8	1.0	-35.1	-29.4	-8.9	-45.6

Table S5 Median and 90 percent confidence interval of projected changes (percent) in annual Q95 low flows for each catchment using the GR4J hydrological model for each future time period and SSP.

Catchment	SSP126								
	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-4.0	15.7	-12.0	-3.5	21.3	-12.4	2.5	22.3	-13.1
S06014	-3.7	15.2	-12.3	-3.5	20.9	-13.0	2.2	22.3	-13.6
S07009	-4.2	7.2	-9.0	-4.6	8.5	-15.5	-0.3	8.3	-13.0
S07012	-4.2	7.0	-9.3	-4.7	8.3	-16.1	-0.4	8.2	-13.4
S12001	-8.1	36.9	-28.5	-10.4	37.4	-31.7	-5.1	33.4	-21.1
S14007	-4.5	10.5	-7.7	-3.8	9.3	-14.2	-1.9	8.8	-11.6
S15003	-3.7	20.6	-16.8	-5.0	22.2	-18.5	-2.5	19.6	-11.7
S15006	-3.1	23.2	-15.8	-5.0	28.5	-17.6	-3.3	27.5	-11.2
S15007	-4.5	15.6	-21.5	-6.1	26.4	-25.0	3.7	30.0	-29.4
S16008	0.2	18.4	-23.3	-8.4	16.1	-22.7	-6.0	10.9	-12.4
S16011	-1.8	16.5	-23.8	-9.1	14.7	-23.4	-4.6	10.6	-12.3
S18002	-0.8	13.8	-14.6	-8.4	13.4	-18.2	-5.0	15.1	-14.8
S18003	-1.1	13.5	-14.8	-8.3	13.3	-18.6	-5.0	14.9	-14.7
S18006	-1.3	13.2	-15.0	-8.5	13.0	-18.9	-5.0	14.9	-14.8
S18050	-3.4	8.3	-16.7	-10.2	10.9	-23.8	-5.1	13.6	-16.5
S22006	-5.2	5.0	-17.9	-11.4	4.6	-26.1	-4.6	8.5	-21.4
S22035	-5.3	4.5	-18.1	-8.3	4.6	-25.5	-4.3	8.7	-21.3
S23002	-3.8	12.9	-16.8	-11.1	14.8	-23.9	-4.4	14.7	-16.2
S24008	-1.6	20.6	-13.1	-6.3	21.6	-15.5	0.7	15.0	-13.6
S24030	-1.0	20.9	-12.7	-4.8	22.6	-14.9	0.6	15.6	-13.0
S25002	-2.9	27.5	-31.6	-7.2	37.4	-34.7	-4.7	47.5	-19.5
S25006	-0.1	11.8	-12.5	-6.3	13.3	-19.9	-1.9	21.0	-19.5
S25030	-1.4	26.0	-15.8	-3.5	34.2	-17.3	0.0	32.7	-11.5
S25034	-2.7	8.0	-8.5	-4.9	10.9	-16.9	-1.6	13.7	-13.9
S26021	-2.0	6.4	-9.3	-5.7	8.8	-17.5	-2.9	14.3	-14.2
S26058	-6.1	6.2	-12.6	-7.3	7.8	-18.2	-4.6	8.0	-17.5
S27002	-3.0	44.3	-28.8	-7.7	61.9	-32.5	-4.3	58.5	-22.5
S30007	-2.1	8.0	-9.1	-3.2	13.0	-14.6	2.5	10.0	-14.8
S32012	-4.0	5.2	-11.9	-4.6	8.6	-19.8	-2.1	9.6	-17.2
S33001	-4.3	3.7	-11.9	-4.4	6.7	-19.2	-1.3	8.3	-17.3
S34001	-1.8	8.4	-11.0	-2.8	15.0	-16.7	1.7	13.6	-16.3
S35002	-3.6	4.1	-10.8	-5.7	8.0	-19.6	-0.5	9.4	-17.1
S35005	-0.8	9.9	-15.0	-5.5	13.9	-19.3	-2.1	17.7	-17.4
S36015	-3.9	9.0	-13.6	-5.0	14.0	-16.6	-0.8	16.2	-17.0
S36019	-4.5	15.6	-21.5	-6.1	26.4	-25.0	3.7	30.0	-29.4
S38001	-7.7	1.6	-13.5	-9.0	2.5	-18.9	-2.2	2.5	-19.0
S39009	-3.5	4.0	-16.1	-3.8	9.4	-21.2	0.2	15.8	-20.0

Catchment	SSP370								
	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-5.3	13.1	-9.2	-8.5	13.0	-15.6	-11.2	0.8	-19.4
S06014	-5.4	12.5	-9.5	-8.8	12.2	-16.3	-12.3	-0.1	-20.2
S07009	-6.2	4.4	-11.6	-12.4	2.4	-17.0	-19.0	-6.1	-24.2
S07012	-6.5	4.0	-12.0	-13.0	2.1	-17.5	-19.4	-6.4	-24.8
S12001	-11.6	24.1	-23.8	-24.7	20.8	-37.3	-34.7	-6.3	-49.2
S14007	-5.2	6.0	-12.1	-10.2	3.8	-17.0	-17.8	-4.3	-24.6
S15003	-4.6	13.3	-12.6	-13.2	11.3	-23.9	-19.8	-3.3	-28.7
S15006	-3.5	19.9	-12.1	-12.9	19.3	-22.6	-18.0	1.9	-27.4
S15007	-9.4	12.6	-18.2	-13.8	9.1	-32.4	-22.2	-8.2	-37.1
S16008	-7.2	11.2	-15.8	-13.4	10.4	-32.7	-27.6	-9.9	-38.4
S16011	-7.0	8.0	-16.4	-15.3	8.6	-33.3	-28.5	-10.2	-41.4
S18002	-3.1	6.4	-12.4	-11.3	11.8	-22.9	-21.4	-9.9	-28.0
S18003	-4.9	6.0	-12.7	-11.7	11.2	-23.4	-22.6	-10.4	-28.5
S18006	-5.2	5.7	-12.8	-12.0	10.7	-23.7	-22.9	-10.7	-28.9
S18050	-6.4	3.9	-13.5	-14.8	5.9	-28.7	-26.5	-13.0	-32.1
S22006	-6.9	1.0	-15.8	-17.7	-0.8	-30.5	-30.0	-16.3	-36.0
S22035	-6.8	1.4	-16.9	-14.9	-0.9	-30.6	-30.0	-16.7	-37.8
S23002	-5.8	5.1	-13.1	-15.1	4.8	-28.6	-26.7	-9.9	-32.1
S24008	-1.8	13.4	-11.7	-10.3	14.1	-20.2	-19.4	-2.4	-24.8
S24030	-1.1	14.4	-11.1	-9.7	15.4	-19.6	-18.1	-1.3	-24.0
S25002	-4.4	22.0	-24.4	-21.0	27.1	-43.3	-36.2	-7.8	-53.0
S25006	-7.3	10.3	-14.1	-14.8	1.4	-26.9	-27.8	-12.0	-34.7
S25030	-1.0	20.8	-11.1	-11.3	21.9	-24.7	-20.4	3.7	-28.5
S25034	-4.5	5.8	-12.3	-11.1	3.1	-19.2	-18.8	-5.6	-25.9
S26021	-4.8	3.8	-12.9	-12.1	1.2	-19.8	-19.7	-7.1	-26.2
S26058	-7.3	3.4	-16.3	-14.1	1.2	-20.3	-20.8	-7.0	-28.5
S27002	-2.4	35.6	-19.4	-18.5	38.4	-43.3	-35.5	4.7	-48.5
S30007	-4.9	5.8	-10.9	-11.0	3.5	-22.7	-19.2	-7.0	-25.5
S32012	-4.4	1.6	-11.6	-11.9	-1.3	-23.8	-20.0	-9.6	-29.9
S33001	-4.3	1.2	-9.7	-11.7	3.8	-23.1	-19.2	-8.0	-29.5
S34001	-1.7	3.9	-10.7	-9.1	2.5	-23.4	-16.0	-7.1	-27.7
S35002	-5.8	1.9	-12.2	-12.8	-1.7	-26.8	-19.6	-9.1	-30.5
S35005	-7.1	4.1	-13.4	-12.2	0.0	-24.2	-20.5	-7.5	-27.4
S36015	-7.4	6.9	-12.4	-12.4	-0.3	-22.5	-18.6	-6.7	-24.6
S36019	-9.4	12.6	-18.2	-13.8	9.1	-32.4	-22.2	-8.2	-37.1
S38001	-7.6	-0.8	-14.0	-13.2	-6.5	-22.6	-23.7	-12.6	-29.9
S39009	-4.1	4.4	-12.5	-12.1	7.5	-25.2	-17.5	-7.0	-29.5

Catchment	SSP585								
	2020s			2050s			2080s		
	med	upp	low	med	upp	low	med	upp	low
S06013	-4.0	12.7	-11.6	-11.0	6.1	-19.7	-16.6	1.3	-23.5
S06014	-4.2	12.3	-11.8	-11.8	5.7	-20.6	-17.3	0.9	-24.5
S07009	-7.1	8.2	-14.7	-14.8	-2.4	-21.6	-19.0	-9.1	-27.3
S07012	-7.0	8.2	-15.1	-15.1	-2.8	-22.3	-19.8	-9.7	-28.0
S12001	-11.7	25.3	-27.4	-29.0	9.6	-43.9	-37.3	-2.7	-56.0
S14007	-5.0	8.7	-13.8	-13.7	-1.3	-20.2	-16.6	-7.7	-25.2
S15003	-5.2	13.4	-16.0	-17.2	6.2	-25.4	-21.0	-0.2	-32.3
S15006	-4.1	18.7	-15.6	-16.3	9.4	-23.9	-20.0	4.2	-30.7
S15007	-7.0	12.9	-23.2	-24.0	2.0	-38.1	-31.5	-4.3	-41.9
S16008	-2.6	12.3	-21.7	-19.2	-4.9	-34.8	-31.6	-14.0	-45.3
S16011	-2.4	12.7	-23.7	-21.8	-4.4	-38.0	-35.3	-15.6	-48.6
S18002	-7.2	7.7	-15.6	-19.7	1.1	-25.4	-21.8	-6.1	-33.8
S18003	-7.2	7.5	-16.3	-19.9	0.6	-26.1	-22.9	-6.7	-34.6
S18006	-7.4	7.4	-16.5	-20.0	0.1	-26.5	-23.2	-7.1	-35.0
S18050	-8.6	5.9	-18.1	-21.2	-3.7	-30.4	-26.5	-9.2	-39.0
S22006	-9.8	6.0	-20.2	-22.6	-11.9	-33.5	-30.2	-15.3	-45.0
S22035	-10.9	4.6	-20.7	-21.1	-12.0	-35.3	-29.5	-15.3	-47.0
S23002	-9.0	5.8	-18.3	-21.6	1.0	-30.7	-25.8	-9.4	-38.8
S24008	-5.5	13.0	-13.1	-17.7	3.0	-21.8	-19.5	-3.6	-29.8
S24030	-4.6	13.5	-12.7	-15.9	4.0	-21.2	-16.9	-2.7	-29.0
S25002	-7.2	23.9	-36.7	-31.5	18.7	-50.1	-41.4	2.6	-61.1
S25006	-6.0	12.2	-20.7	-21.6	-6.7	-34.0	-32.1	-16.4	-39.5
S25030	-2.2	22.0	-18.7	-17.7	15.9	-26.9	-24.2	7.7	-33.8
S25034	-5.1	8.8	-16.5	-16.3	-2.0	-23.3	-20.6	-8.8	-28.3
S26021	-5.2	7.9	-17.2	-16.9	-3.5	-23.9	-21.8	-10.9	-29.0
S26058	-6.8	8.2	-17.5	-17.5	-3.5	-24.8	-22.4	-11.3	-30.0
S27002	-3.3	36.7	-32.8	-28.6	29.8	-45.9	-37.7	14.1	-56.9
S30007	-3.3	8.9	-16.0	-15.7	-1.3	-25.5	-24.2	-8.9	-27.9
S32012	-4.2	3.7	-17.0	-16.8	0.7	-27.3	-24.4	-8.1	-35.9
S33001	-4.5	9.4	-15.6	-16.0	-0.9	-26.6	-22.7	-7.3	-34.9
S34001	-1.0	7.3	-16.5	-13.6	2.7	-27.2	-20.8	-7.1	-29.6
S35002	-3.3	9.3	-19.1	-18.1	0.4	-28.8	-29.2	-7.4	-34.2
S35005	-5.7	6.7	-19.8	-17.8	0.5	-27.2	-24.0	-5.9	-32.1
S36015	-4.2	9.3	-16.9	-15.7	0.4	-24.5	-21.8	-5.2	-28.6
S36019	-7.0	12.9	-23.2	-24.0	2.0	-38.1	-31.5	-4.3	-41.9
S38001	-6.6	3.3	-22.7	-18.2	-5.3	-28.5	-22.3	-10.1	-38.0
S39009	-6.0	5.9	-14.3	-15.5	1.4	-28.7	-21.9	-0.5	-36.7