

CropWatch 在线资源:

C. 时间序列指标分析 [2014 年 2 月 28 日更新]

本在线资源中的表格是对 2014 年 2 月通报中的环境指标和农业相关指数进行的补充说明。表 1 到表 15 显示了环境指标（降雨、温度、光合有效辐射和潜在生物量）在 60 个农业生态区、6 个农业主产区和 31 个农业主产国（包括中国）上的时间序列变化过程和趋势。表 16 到表 22 显示了作物指标（未播种耕地比例和最佳植被状态指数）在以上区域的变化过程和趋势。

环境指标

Table 1. Rainfall index by CPSZ (mm)

	Rainfall time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Equatorial central Africa	613	567	589	492	599	520	621	646	498	576	552	548	596	526	-28	-45
East African highlands	279	213	239	163	199	120	310	143	221	255	137	210	192	206	3	0
Gulf of Guinea	205	199	225	252	225	232	213	233	218	260	246	190	277	262	24	33
Horn of Africa	448	342	462	292	356	172	534	302	310	383	224	411	346	268	-67	-84
Madagascar (main)	855	638	798	807	821	701	1073	675	716	755	621	689	644	925	240	172
SW Madagascar	511	557	369	400	777	318	654	433	480	276	509	361	455	554	138	85
North Africa Mediterranean	233	129	207	233	180	223	120	158	260	201	212	174	175	88	-116	-105
Sahel	61	37	63	55	32	38	49	31	45	62	60	36	45	48	-2	1
Southern Africa	468	430	366	382	460	442	483	572	447	461	449	428	478	452	-1	1
S. Africa Western Cape	105	159	134	90	192	82	81	232	127	124	101	70	97	273	169	150
Boreal North America	328	274	321	260	340	222	282	301	239	254	230	276	250	443	193	168
America northern great plains	169	122	118	134	172	123	147	153	155	222	106	124	124	188	42	44
America corn belt	278	342	320	375	422	379	389	375	339	420	287	373	323	363	15	7
America cotton belt-Mexican coastal plain	372	341	496	307	429	292	444	300	293	594	224	321	282	307	-36	-54

	Rainfall time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Sub-boreal North America	151	201	164	194	214	213	214	200	186	179	193	188	208	223	32	30
America West Coast	231	439	393	346	349	436	350	346	275	346	443	284	417	93	-260	-265
Sierra Madre	133	85	146	177	166	124	174	100	86	198	35	98	92	169	67	45
SW Mexico and N. Mexico highlands	133	78	85	103	153	87	95	87	68	107	77	71	69	90	12	-3
Northern South and Central America	407	448	407	488	440	549	463	492	499	453	460	521	362	450	-9	-11
Caribbean	334	345	286	407	227	414	357	572	271	279	308	307	369	232	-75	-112
Central-Northern Andes	567	534	551	567	584	663	630	690	615	526	596	642	518	605	26	14
Brazil Nordeste	297	447	408	463	200	161	204	182	211	320	351	212	203	255	-4	-26
Central-Eastern Brazil	668	836	684	714	796	701	866	689	710	907	769	786	677	729	-41	-25
Amazon	822	809	741	768	741	894	813	921	843	850	869	857	733	867	37	47
Central-North Argentina	531	414	467	372	399	461	593	451	367	432	382	394	350	459	74	27
SE Brazil-Concepcion-Bahia Blanca	670	594	806	621	604	479	657	552	463	866	478	453	657	628	45	20
SW Southern Cone	225	115	310	170	225	200	168	92	82	229	145	100	225	67	-89	-109
Semi-arid Southern Cone	126	153	164	83	140	96	142	123	116	94	120	122	108	109	-3	-13
Caucasus	192	321	273	305	272	280	274	236	210	325	215	229	280	304	52	42
Central Asia Pamir mountains	108	86	93	141	208	113	131	98	143	89	41	148	102	242	137	127
Western Asia	121	154	132	162	167	114	143	102	100	137	78	125	151	163	45	33
China Gansu-Xinjiang	38	41	47	36	41	36	36	38	36	55	47	44	60	109	61	66
China Hainan	701	341	260	155	64	220	183	293	625	567	878	564	276	307	-275	-87
China Huang Huaihai	167	72	49	174	50	54	58	79	42	95	16	111	93	61	-10	-21
China Inner Mongolia	42	40	34	54	41	19	28	43	34	37	63	37	78	58	8	16
China Loess region	107	64	60	120	49	64	40	80	38	73	35	113	37	70	11	2
China Lower Yangtze	342	243	404	154	180	218	217	193	212	241	176	260	321	281	39	38
North East China	87	62	100	93	87	47	65	64	69	94	105	53	137	126	34	44
China Qinghai-Tibet	79	103	85	85	116	89	95	115	97	85	100	71	87	147	59	54

	Rainfall time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Southern China	245	202	256	86	65	109	179	153	195	116	137	237	223	213	31	44
South-West China	161	162	142	124	124	131	169	90	191	98	143	171	99	167	27	28
Taiwan	525	96	143	105	187	172	146	331	158	153	308	471	210	62	-198	-169
East Asia	196	257	293	205	246	133	248	169	173	249	211	194	285	166	-56	-54
Southern Himalayas	101	191	133	138	146	126	96	159	137	124	136	86	128	209	87	78
Southern Asia	134	228	197	250	224	328	204	193	170	231	308	159	196	244	31	27
Southern Japan and Korea	460	524	466	387	659	285	415	321	353	485	370	370	432	373	-29	-52
Mongolia region	31	18	12	21	18	14	16	11	13	25	24	11	22	52	33	34
S. Asia Punjab to Gujarat	7	21	13	30	52	12	37	19	33	25	60	14	17	43	13	17
SE Asia islands	1206	1086	939	1172	1013	1239	1000	1142	1290	1181	1230	1170	1168	1124	-84	-17
SE Asia mainland	383	331	321	262	182	362	283	424	393	307	443	366	272	368	12	35
Eastern Siberia	145	142	185	155	178	161	158	140	190	167	188	158	169	189	15	25
Eastern Central Asia	57	50	57	61	47	49	47	36	61	51	59	41	65	50	-5	-2
North Australia	717	536	405	554	590	659	382	625	772	599	1001	639	571	678	-38	59
Australia Queensland to Victoria	271	200	128	261	266	256	129	295	233	238	468	319	195	170	-121	-81
Australia Nullarbor-Darling	52	102	79	81	59	153	78	89	132	71	90	188	124	56	-65	-44
New Zealand	270	466	323	341	344	392	312	243	260	397	345	407	211	203	-121	-129
Boreal Eurasia	284	249	181	223	276	226	357	268	283	214	209	256	245	288	47	36
Ukraine to Kazakhstan	157	195	185	172	199	142	207	150	154	193	198	155	209	172	-10	-6
Mediterranean Europe and Turkey	420	333	359	387	279	318	299	255	335	454	406	263	368	270	-95	-74
W. Europe (non-Mediterranean)	352	224	331	326	266	246	268	250	290	350	302	242	336	284	-20	-7

Note: '2001' refers to the period from the 1st dekad of October 2000 to the last dekad of January 2001.

Table 2. Temperature by CPSZ (degrees Celsius)

	Temperature time series														2014 departure from reference	
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	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009- 2013	2001- 2013
Equatorial central Africa	24.2	24.7	24.8	25.2	25.3	25.5	24.7	24.6	24.9	25.1	24.9	24.5	25.1	25.1	0.2	0.2
East African highlands	18.6	19.2	18.7	18.8	18.8	19.8	19.3	19.5	19.4	19.9	19.7	19.3	19.9	19.5	-0.2	0.2
Gulf of Guinea	26.1	26.5	26.7	26.9	27.1	27.5	26.7	26.4	26.8	27.1	26.7	26.6	26.7	26.8	0.0	0.0
Horn of Africa	23.4	24.7	23.6	24.4	24.2	25.0	23.8	24.2	24.3	24.2	24.4	24.0	24.4	24.1	-0.1	-0.1
Madagascar (main)	24.3	24.6	24.2	24.5	24.4	24.5	24.7	24.8	24.5	24.5	24.5	24.5	24.5	24.5	0.0	0.0
SW Madagascar	25.4	26.0	25.1	25.9	25.3	25.8	25.9	26.1	25.8	26.0	26.1	25.4	25.5	25.3	-0.5	-0.5
North Africa Mediterranean	13.0	13.6	13.4	13.0	12.4	12.3	13.7	12.9	11.9	14.2	13.4	12.7	13.7	13.7	0.5	0.6
Sahel	26.4	26.9	27.1	27.4	27.4	28.3	26.4	27.5	27.5	27.8	27.3	26.6	27.5	27.5	0.1	0.2
Southern Africa	24.3	24.7	24.8	25.2	25.0	24.8	24.8	24.1	25.0	24.7	24.8	24.9	24.8	24.7	-0.1	0.0
S. Africa Western Cape	17.3	17.7	17.8	17.9	18.6	17.3	17.9	17.3	16.8	17.1	17.1	17.2	17.6	17.7	0.5	0.2
Boreal North America	-4.1	-9.0	-4.6	-8.2	-6.5	-9.3	-8.7	-8.3	-10.3	-8.4	-8.5	-10.7	-9.5	-5.4	4.1	2.8
America northern great plains	-1.4	2.2	-0.8	0.0	0.4	2.4	0.5	0.0	-0.9	-1.5	-0.8	2.0	0.0	-1.5	-1.2	-1.6
America corn belt	0.9	4.6	0.4	1.8	2.2	3.5	3.4	2.6	0.5	1.6	1.2	3.8	2.7	0.5	-1.4	-1.7
America cotton belt-Mexican coastal plain	10.0	12.9	11.1	12.2	12.9	12.8	12.1	12.6	11.5	10.7	10.8	12.4	12.4	10.8	-0.8	-1.1
Sub-boreal North America	-5.4	-4.2	-5.2	-5.3	-5.3	-3.1	-4.8	-5.5	-5.5	-5.7	-5.6	-4.1	-6.2	-6.5	-1.0	-1.4
America West Coast	6.2	7.3	7.8	7.2	6.8	7.4	6.5	6.4	7.1	6.7	7.1	6.5	6.9	6.6	-0.2	-0.3
Sierra Madre	14.6	14.8	14.7	14.8	14.6	14.9	14.3	14.8	14.8	14.5	14.3	14.7	15.1	14.8	0.1	0.1
SW Mexico and N. Mexico highlands	7.1	8.8	8.7	8.7	8.3	9.0	7.5	8.2	8.7	7.1	7.3	6.9	7.1	6.5	-0.9	-1.5
Northern South and Central America	25.0	25.5	25.7	25.4	25.6	25.3	25.7	25.2	25.0	25.8	25.0	25.2	25.7	25.4	0.1	0.0
Caribbean	24.3	24.4	24.9	24.9	24.2	24.7	25.4	24.6	24.0	24.7	23.5	24.3	24.6	25.0	0.7	0.5
Central-Northern Andes	16.6	17.2	16.6	16.7	16.5	16.4	16.2	15.8	15.7	16.9	16.6	16.5	17.3	16.8	0.2	0.3
Brazil Nordeste	26.8	26.7	25.4	25.4	25.9	25.3	25.4	27.3	27.2	27.3	27.2	26.5	27.2	27.0	-0.1	0.6
Central-Eastern Brazil	26.1	25.7	25.9	25.1	25.2	25.4	25.5	26.0	26.0	26.2	25.8	25.4	26.3	25.9	0.0	0.2
Amazon	27.1	27.8	27.7	27.6	27.7	27.3	27.6	27.4	27.6	27.9	27.6	27.5	27.6	27.4	-0.3	-0.2
Central-North Argentina	24.6	24.6	25.6	25.7	25.4	25.1	25.6	25.5	25.6	26.3	25.1	25.7	26.0	26.2	0.5	0.8
SE Brazil-Concepcion-Bahia Blanca	21.9	22.0	22.8	22.3	21.9	22.3	22.9	22.5	22.8	22.8	22.2	22.7	23.1	23.5	0.8	1.0

	Temperature time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
SW Southern Cone	12.8	13.9	14.0	14.1	13.5	13.6	13.9	13.6	14.9	13.0	13.6	14.7	13.8	13.8	-0.2	0.0
Semi-arid Southern Cone	17.8	17.9	18.4	19.0	18.4	18.5	18.6	18.4	19.1	18.7	18.6	19.1	19.0	19.4	0.5	0.9
Caucasus	3.4	3.4	3.9	4.7	3.5	3.5	3.4	2.5	3.8	5.9	5.8	2.6	5.3	3.5	-1.2	-0.5
Central Asia Pamir mountains	2.2	3.2	3.3	2.3	2.6	2.5	3.1	1.6	3.4	3.8	3.5	2.3	2.4	3.3	0.2	0.5
Western Asia	6.3	7.4	6.7	7.3	6.8	6.7	7.2	5.0	7.0	7.5	7.7	5.5	7.1	7.3	0.3	0.5
China Gansu-Xinjiang	-4.5	-3.4	-3.3	-4.1	-3.8	-4.7	-2.3	-4.4	-2.7	-3.7	-4.7	-4.1	-5.1	-2.7	1.4	1.2
China Hainan	21.7	21.2	20.6	21.0	21.1	21.4	21.7	20.8	20.4	21.1	20.0	20.1	21.8	20.1	-0.6	-0.9
China Huang Huaihai	5.3	6.5	5.0	5.7	6.0	6.1	7.3	5.8	6.4	5.1	5.6	5.8	4.8	6.7	1.1	0.9
China Inner Mongolia	-7.2	-4.4	-7.1	-5.4	-5.0	-5.3	-4.2	-5.5	-4.8	-7.0	-6.6	-5.8	-7.4	-4.1	2.2	1.7
China Loess region	1.4	2.1	1.2	1.0	1.2	1.1	2.5	1.0	1.7	1.1	0.9	1.4	0.9	2.3	1.1	1.0
China Lower Yangtze	11.5	11.8	11.3	11.1	11.2	11.7	12.3	11.4	11.6	11.3	10.4	11.3	10.9	11.8	0.6	0.4
North East China	-10.5	-6.0	-9.2	-6.9	-6.6	-7.8	-6.0	-7.0	-6.7	-8.8	-8.8	-7.9	-9.6	-6.5	1.8	1.3
China Qinghai-Tibet	0.9	1.0	0.6	1.1	0.6	1.3	0.7	1.2	0.9	1.2	0.5	0.6	0.6	0.6	-0.2	-0.3
Southern China	16.2	15.7	15.6	15.8	15.5	16.2	16.3	15.8	15.7	16.0	14.9	15.3	16.0	15.3	-0.3	-0.5
South-West China	9.0	9.2	9.2	8.9	8.6	9.0	9.5	8.8	9.2	9.3	8.2	8.9	8.9	9.2	0.4	0.3
Taiwan	18.9	17.9	18.0	17.9	17.8	18.2	18.7	18.4	18.1	17.9	17.3	17.9	18.0	17.5	-0.3	-0.5
East Asia	-2.4	-0.7	-2.6	-0.7	-0.4	-1.6	0.0	-0.9	-0.4	-1.5	-1.7	-1.3	-2.4	-0.7	0.7	0.6
Southern Himalayas	17.4	17.3	17.2	17.3	17.1	17.2	17.6	17.3	17.7	17.4	17.2	17.1	17.0	16.9	-0.4	-0.4
Southern Asia	23.2	23.3	23.2	23.1	23.0	22.6	23.3	23.0	23.6	23.2	23.0	23.2	23.1	23.0	-0.3	-0.2
Southern Japan and Korea	9.1	9.0	8.0	9.3	9.7	8.3	10.1	9.4	9.4	9.2	8.7	9.1	8.2	9.1	0.1	0.0
Mongolia region	-10.7	-9.3	-8.5	-9.7	-9.9	-9.4	-6.3	-9.7	-8.1	-10.7	-9.9	-10.1	-9.4	-7.7	2.0	1.7
S. Asia Punjab to Gujarat	21.2	21.3	21.2	20.5	20.3	20.3	20.9	20.3	21.5	20.7	20.2	20.7	20.2	20.1	-0.5	-0.6
SE Asia islands	25.3	25.4	25.7	25.5	25.5	25.2	25.6	25.3	25.2	25.4	25.1	25.2	25.5	25.2	0.0	-0.2
SE Asia mainland	24.5	24.1	24.5	24.5	24.3	24.6	24.8	24.3	23.8	25.0	24.4	24.6	25.5	23.9	-0.8	-0.7
Eastern Siberia	-14.7	-9.0	-11.3	-9.9	-9.8	-10.6	-9.2	-10.0	-9.0	-12.0	-10.7	-10.0	-12.3	-8.2	2.6	2.5

	Temperature time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Eastern Central Asia	-19.2	-13.4	-17.0	-15.2	-14.7	-15.2	-14.1	-14.7	-14.0	-17.3	-16.0	-16.1	-17.5	-12.7	3.5	3.1
North Australia	26.3	27.1	27.0	27.0	27.0	27.1	26.6	26.7	26.9	26.8	26.2	26.6	26.7	26.7	0.0	-0.1
Australia Queensland to Victoria	20.5	18.7	20.2	19.6	20.0	20.9	20.3	20.2	19.8	21.0	19.2	19.3	20.6	20.3	0.3	0.3
Australia Nullarbor-Darling	19.5	17.7	19.0	19.0	19.1	16.9	19.3	18.8	18.3	19.5	19.7	19.5	19.7	19.6	0.3	0.7
New Zealand	12.8	13.8	12.4	13.2	12.6	13.5	12.4	13.4	13.4	12.6	13.8	13.1	13.2	13.5	0.3	0.4
Boreal Eurasia	-3.3	-4.0	-7.4	-4.5	-3.4	-4.2	-1.7	-3.2	-3.2	-7.1	-7.3	-3.1	-6.1	-2.7	2.6	1.8
Ukraine to Kazakhstan	-2.6	-3.4	-5.1	-2.5	-2.1	-3.7	-0.1	-3.6	-1.4	-4.9	-3.6	-3.2	-3.8	-1.6	1.8	1.5
Mediterranean Europe and Turkey	9.0	7.8	9.0	8.6	8.5	7.7	8.8	8.1	8.5	9.7	9.0	8.2	9.3	8.7	-0.2	0.1
W. Europe (non-Mediterranean)	6.1	4.5	4.6	4.5	5.4	4.1	7.1	4.7	4.7	4.4	3.8	5.5	4.9	6.0	1.4	1.1

Table 3. Photosynthetically Active Radiation (PAR) by CPSZ (W/m²)

	PAR time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Equatorial central Africa	1084	1096	1110	1119	1110	1152	1118	1116	1132	1123	1153	1146	1136	1205	67	82
East African highlands	1210	1224	1228	1230	1222	1267	1187	1263	1218	1196	1213	1225	1222	1237	22	14
Gulf of Guinea	972	965	953	935	947	905	1004	932	910	911	891	969	905	991	74	53
Horn of Africa	1223	1244	1209	1239	1239	1303	1177	1254	1242	1285	1318	1235	1264	1319	50	70
Madagascar (main)	1298	1386	1297	1338	1295	1391	1320	1353	1322	1371	1414	1344	1372	1329	-36	-17
SW Madagascar	1366	1407	1425	1408	1346	1442	1414	1430	1432	1489	1384	1468	1439	1449	7	30
North Africa Mediterranean	653	650	637	633	644	636	658	652	622	655	642	653	643	663	20	19
Sahel	1095	1116	1106	1092	1122	1092	1082	1018	1061	1037	1014	1084	1044	1125	77	51
Southern Africa	1361	1339	1383	1374	1342	1351	1337	1332	1355	1411	1387	1401	1383	1406	19	40
S. Africa Western Cape	1615	1548	1595	1578	1568	1585	1575	1549	1592	1585	1540	1572	1554	1550	-19	-24

	PAR time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Boreal North America	108	109	103	110	106	117	108	109	114	109	116	116	116	107	-7	-4
America northern great plains	448	451	444	451	435	449	446	452	451	419	460	459	442	469	23	22
America corn belt	438	431	421	429	416	430	420	429	438	408	447	432	422	441	12	13
America cotton belt-Mexican coastal plain	654	673	621	661	622	680	651	662	671	619	689	670	653	660	0	4
Sub-boreal North America	329	317	328	321	320	316	323	317	324	316	326	328	313	344	23	23
America West Coast	489	459	481	465	481	466	501	475	495	468	471	499	475	549	67	70
Sierra Madre	963	996	956	969	971	985	946	980	988	948	1034	1006	977	971	-20	-7
SW Mexico and N. Mexico highlands	696	715	714	711	699	718	711	718	729	708	732	733	721	745	20	29
Northern South and Central America	1008	981	1005	961	985	974	985	995	995	1011	1004	980	1010	965	-35	-27
Caribbean	955	910	945	935	985	914	929	928	955	956	961	957	939	921	-33	-23
Central-Northern Andes	1248	1238	1265	1248	1231	1198	1206	1173	1183	1205	1145	1165	1198	1186	7	-22
Brazil Nordeste	1410	1380	1419	1403	1444	1462	1429	1401	1390	1318	1328	1359	1366	1377	25	-16
Central-Eastern Brazil	1326	1303	1330	1373	1377	1327	1254	1243	1262	1174	1208	1221	1247	1273	51	-7
Amazon	1122	1102	1169	1136	1150	1083	1112	1023	1031	1085	1014	1021	1073	1070	25	-16
Central-North Argentina	1455	1496	1484	1536	1525	1484	1433	1464	1500	1354	1485	1499	1482	1455	-9	-22
SE Brazil-Concepcion-Bahia Blanca	1430	1458	1422	1492	1464	1451	1445	1450	1480	1329	1456	1507	1452	1451	6	2
SW Southern Cone	1465	1486	1404	1451	1428	1445	1456	1476	1523	1434	1467	1521	1462	1510	29	47
Semi-arid Southern Cone	1573	1554	1554	1589	1551	1560	1555	1567	1563	1576	1558	1571	1574	1584	16	19
Caucasus	506	504	512	501	510	502	505	516	515	494	522	506	499	529	22	22
Central Asia Pamir mountains	660	659	651	644	642	664	653	671	655	655	683	651	661	686	25	28
Western Asia	597	595	599	596	592	609	598	617	604	599	620	606	595	619	14	17
China Gansu-Xinjiang	474	480	489	492	485	489	492	495	493	491	503	490	489	530	37	41
China Hainan	853	876	847	941	967	876	932	906	892	865	854	823	880	904	41	18
China Huang Huaihai	488	528	534	508	544	536	547	535	554	542	577	531	550	605	54	69
China Inner Mongolia	477	486	479	484	488	493	497	490	495	493	490	488	486	522	32	34

	PAR time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
China Loess region	548	561	587	566	575	563	589	558	588	583	597	561	587	640	57	66
China Lower Yangtze	571	633	612	663	678	640	650	666	669	641	681	637	649	737	82	92
North East China	391	404	391	388	397	411	408	418	404	406	394	416	394	426	23	24
China Qinghai-Tibet	833	809	819	813	810	834	822	812	826	828	812	818	820	836	15	16
Southern China	783	790	771	841	842	816	825	846	851	805	810	791	801	857	45	44
South-West China	655	647	667	651	663	666	667	672	682	682	687	666	682	695	15	27
Taiwan	790	853	843	853	863	811	836	804	858	865	851	795	826	831	-8	-3
East Asia	433	440	430	445	451	450	451	456	447	446	444	441	438	469	26	25
Southern Himalayas	888	850	867	865	865	878	867	865	872	868	846	869	867	873	9	6
Southern Asia	1011	955	979	966	981	965	973	995	994	969	927	1007	1002	992	12	13
Southern Japan and Korea	542	562	552	576	573	559	575	580	568	571	565	562	582	591	21	24
Mongolia region	394	407	403	417	409	412	417	420	410	410	416	416	393	440	31	30
S. Asia Punjab to Gujarat	912	903	907	903	882	916	888	907	889	893	885	905	909	913	17	13
SE Asia islands	942	971	1023	986	1041	941	1016	948	931	994	945	968	989	945	-20	-32
SE Asia mainland	950	975	956	1027	1078	962	1017	976	977	1001	956	980	963	1018	43	32
Eastern Siberia	211	223	209	216	217	216	229	229	214	207	205	219	208	239	28	23
Eastern Central Asia	286	296	288	293	292	293	299	303	288	291	287	300	281	313	24	21
North Australia	1216	1261	1323	1288	1309	1203	1373	1235	1196	1307	1147	1243	1313	1281	40	18
Australia Queensland to Victoria	1503	1519	1586	1535	1530	1516	1548	1465	1515	1526	1428	1460	1542	1558	64	45
Australia Nullarbor-Darling	1645	1601	1621	1619	1640	1608	1601	1609	1589	1617	1594	1561	1587	1624	34	17
New Zealand	1389	1290	1380	1367	1349	1362	1347	1394	1403	1361	1396	1334	1405	1374	-6	7
Boreal Eurasia	93	103	116	108	107	110	98	105	100	106	109	107	97	109	5	4
Ukraine to Kazakhstan	197	196	199	204	195	213	188	206	203	199	206	205	194	206	5	6
Mediterranean Europe and Turkey	474	500	476	475	504	487	491	502	482	476	483	511	471	508	23	21
W. Europe (non-Mediterranean)	265	288	261	273	276	289	281	278	275	269	275	290	277	279	2	2

Table 4. Biomass by CPSZ (g DM/square meter)

	Biomass time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Equatorial central Africa	1596.6	1562.8	1614.5	1540.5	1612.2	1543.9	1605.5	1680.7	1500.4	1641.2	1579.7	1520.7	1650.7	1552.8	-25.7	-35.6
East African highlands	896.0	741.4	843.7	666.4	749.4	465.6	908.5	565.4	720.4	858.0	541.8	646.5	683.2	716.8	26.9	2.5
Gulf of Guinea	566.3	561.4	601.8	715.3	639.9	626.0	556.2	620.4	605.2	784.5	720.2	547.5	748.5	728.1	46.9	90.2
Horn of Africa	744.7	596.7	797.2	625.2	746.4	376.5	877.3	614.4	595.4	738.4	402.6	832.1	646.6	622.7	-20.3	-38.3
Madagascar (main)	1850.8	1557.6	1748.8	1679.6	1790.1	1558.0	1864.7	1649.4	1805.5	1730.1	1552.2	1630.4	1683.6	1903.4	223.1	203.4
SW Madagascar	1407.3	1355.7	1068.2	1188.2	1622.2	1072.5	1401.4	1242.8	1278.3	927.7	1421.8	999.8	1380.6	1269.5	67.9	10.6
North Africa Mediterranean	550.4	391.7	478.8	624.3	519.2	667.7	412.9	496.1	724.4	485.1	536.5	504.1	562.3	303.8	-258.6	-231.0
Sahel	174.6	136.4	203.9	178.9	120.0	125.2	147.6	111.5	137.1	198.8	182.5	117.4	147.8	160.3	3.6	7.9
Southern Africa	959.6	1031.9	898.5	960.1	1032.0	1064.4	1048.4	1200.3	1021.3	1150.7	1144.2	967.5	1022.4	1034.0	-27.3	-4.6
S. Africa Western Cape	406.2	644.6	547.3	406.9	658.3	352.6	347.4	657.7	372.5	529.4	474.5	339.4	425.1	857.8	429.6	383.8
Boreal North America	271.4	254.7	288.0	277.2	237.0	253.9	264.6	231.5	220.4	241.6	269.4	253.3	224.5	284.1	42.3	31.2
America northern great plains	540.9	441.1	436.0	490.4	536.5	504.7	521.8	483.4	546.2	557.1	442.5	453.5	432.5	549.4	63.1	58.2
America corn belt	713.0	872.2	672.8	768.5	785.5	812.7	836.9	801.1	701.9	748.0	696.0	841.5	787.7	724.2	-30.8	-47.9
America cotton belt-Mexican coastal plain	1020.3	883.3	1182.7	941.6	1151.8	834.2	1137.1	858.4	848.8	1179.5	735.0	952.7	803.5	914.5	10.6	-49.2
Sub-boreal North America	404.1	438.3	380.7	425.5	413.1	462.6	424.3	413.3	418.4	407.6	443.0	454.2	386.4	404.3	-17.6	-16.6
America West Coast	749.3	824.8	771.0	780.6	900.7	767.3	649.2	757.7	696.3	774.5	888.6	673.9	772.4	396.1	-365.0	-373.6
Sierra Madre	506.7	324.9	524.8	594.3	531.8	373.4	607.7	363.2	293.7	690.4	119.0	332.2	320.7	565.0	213.8	135.6
SW Mexico and N. Mexico highlands	477.4	310.9	336.6	383.1	579.6	319.7	369.9	347.9	290.3	410.6	343.9	289.4	292.6	339.9	14.6	-25.6
Northern South and Central America	1106.7	1217.3	1139.1	1257.0	1176.0	1301.2	1229.7	1246.8	1195.7	1164.5	1204.3	1286.6	1048.8	1188.9	8.9	-9.1

Caribbean	951.1	1046.8	935.8	1044.9	756.7	1052.5	1047.8	1095.6	826.1	936.9	868.2	910.9	942.6	787.3	-109.6	-167.8
Central-Northern Andes	1035.7	966.3	962.7	998.8	976.3	1085.2	1042.1	1101.6	1010.4	973.8	975.5	1039.5	1001.4	1064.4	64.3	51.4
Brazil Nordeste	793.5	1127.3	976.0	872.9	670.7	548.4	721.8	621.5	730.9	1021.6	1107.9	784.9	679.6	854.1	-10.9	34.3
Central-Eastern Brazil	1751.9	1969.5	1700.5	1736.2	1927.8	1755.9	1978.7	1750.4	1767.3	2039.4	1917.7	1943.4	1725.9	1877.7	-1.1	34.2
Amazon	2001.3	1929.6	1915.3	1892.4	1925.4	2176.5	2029.2	2151.3	2186.2	2018.1	2143.2	2132.9	1931.2	2085.6	3.3	52.3
Central-North Argentina	1511.0	1317.3	1342.3	1174.5	1263.2	1320.5	1549.6	1348.7	1221.9	1229.2	1193.6	1227.3	1138.3	1351.7	149.6	56.5
SE Brazil-Concepcion-Bahia Blanca	1692.4	1605.5	1827.8	1523.2	1579.8	1384.8	1749.8	1503.0	1239.7	1822.1	1381.3	1354.9	1574.9	1623.8	149.3	67.0
SW Southern Cone	739.3	566.9	746.8	623.2	700.3	681.5	590.3	459.2	469.1	643.6	586.1	488.3	668.6	321.6	-249.6	-291.0
Semi-arid Southern Cone	386.5	419.0	448.2	288.4	442.1	425.1	424.2	372.2	364.8	327.6	372.4	373.9	418.6	317.3	-54.2	-72.2
Caucasus	660.2	797.7	798.0	854.1	789.0	766.9	767.9	693.8	688.4	881.9	680.6	671.0	828.4	752.3	2.3	-7.5
Central Asia Pamir mountains	351.8	311.4	341.4	412.3	464.4	352.4	400.1	296.8	401.5	329.7	198.3	430.6	344.7	489.0	148.0	132.4
Western Asia	363.9	423.5	392.0	426.0	482.1	352.3	433.2	332.1	334.5	400.6	246.2	379.1	410.3	439.8	85.6	57.0
China Gansu-Xinjiang	93.0	111.4	111.9	101.6	107.0	106.8	92.6	101.1	100.4	123.4	108.9	119.2	120.6	246.5	132.0	139.0
China Hainan	551.7	868.7	785.0	388.1	271.9	587.6	559.1	613.5	888.6	813.7	790.1	1021.3	527.8	733.7	-74.6	67.0
China Huang Huaihai	646.3	336.4	236.8	583.7	242.7	248.8	247.5	350.7	192.9	414.9	81.7	447.9	410.6	291.9	-17.7	-49.7
China Inner Mongolia	197.7	184.4	159.1	214.0	173.9	97.6	140.2	184.4	171.3	175.1	223.4	180.6	304.6	264.5	53.5	79.4
China Loess region	436.5	287.3	266.8	394.0	243.4	251.1	190.4	331.3	176.9	323.5	175.8	467.9	190.5	286.2	19.2	-1.2
China Lower Yangtze	1062.2	859.6	1162.9	622.2	668.0	678.4	732.4	633.1	619.4	825.4	579.2	819.0	974.1	686.6	-76.8	-100.8
North East China	296.4	270.6	281.1	324.9	348.3	226.5	272.5	262.0	295.9	312.6	336.1	245.1	352.1	378.8	70.4	84.6
China Qinghai-Tibet	155.2	192.8	178.4	168.7	201.6	197.2	183.2	201.1	184.5	191.9	222.8	202.2	188.4	282.1	84.1	92.2
Southern China	707.8	695.3	937.7	348.5	286.7	422.9	543.5	509.6	596.5	412.8	500.5	684.2	660.8	575.7	4.7	13.6
South-West China	543.3	565.6	528.8	487.2	493.6	480.2	610.7	379.2	560.6	398.9	511.7	588.9	359.4	526.0	42.2	25.4
Taiwan	1150.5	550.0	658.7	473.7	446.9	600.7	632.2	832.9	552.2	511.2	1036.5	1216.0	806.4	342.1	-482.3	-386.2
East Asia	470.3	535.0	476.2	494.8	514.6	416.8	501.3	479.0	457.3	522.4	464.9	502.6	537.9	476.1	-20.9	-14.1
Southern Himalayas	278.0	488.4	466.5	408.0	407.4	372.8	327.4	421.5	364.7	341.4	416.0	312.9	361.6	513.9	154.6	131.9
Southern Asia	371.7	594.5	497.7	572.9	502.3	649.4	491.4	425.6	411.7	628.5	792.2	439.9	474.5	560.0	10.6	32.9
Southern Japan and Korea	1211.0	1247.0	1157.9	1141.1	1282.9	974.5	1167.3	1008.8	1169.1	1233.5	1082.5	1183.3	1186.0	1103.2	-67.7	-54.1

Mongolia region	73.6	95.0	84.4	70.2	60.8	51.8	51.4	71.7	64.1	93.1	79.5	79.9	92.5	191.6	109.7	117.1
S. Asia Punjab to Gujarat	31.1	74.8	56.3	103.7	182.5	61.5	155.1	70.9	163.3	83.0	194.0	62.7	79.0	151.6	35.2	50.2
SE Asia islands	2338.7	2225.8	2068.6	2252.1	2072.7	2331.8	2053.4	2265.1	2319.6	2221.9	2341.6	2318.6	2290.6	2196.9	-101.6	-41.6
SE Asia mainland	814.8	807.1	913.3	593.7	416.0	886.0	604.4	816.2	884.9	814.0	837.1	789.9	764.9	816.6	-1.5	51.8
Eastern Siberia	98.6	123.8	132.5	148.7	116.7	134.6	130.1	139.2	136.2	133.1	135.2	133.9	132.6	120.8	-13.4	-9.6
Eastern Central Asia	137.3	167.1	141.8	159.6	162.3	152.8	143.1	147.2	171.8	156.8	163.1	168.3	163.8	187.4	22.7	30.9
North Australia	1601.9	1281.2	915.5	1255.9	1144.3	1363.9	988.9	1267.4	1478.1	1111.3	1821.8	1422.6	1071.3	1357.8	-23.3	71.3
Australia Queensland to Victoria	944.8	764.8	500.8	888.3	845.7	846.5	571.5	1058.3	855.7	866.8	1340.2	1066.3	598.4	650.8	-294.6	-206.7
Australia Nullarbor-Darling	269.7	422.7	367.6	372.9	265.0	605.7	375.2	359.5	546.5	330.6	387.2	730.4	538.3	302.7	-203.9	-125.8
New Zealand	1096.6	1453.6	1197.0	1223.1	1252.5	1244.4	1235.1	1025.8	1130.3	1224.7	1103.6	1305.1	1022.0	963.4	-193.8	-230.0
Boreal Eurasia	265.3	271.0	226.7	295.4	298.0	331.0	300.7	327.2	322.0	257.7	277.5	349.9	253.3	307.7	15.6	17.3
Ukraine to Kazakhstan	479.7	499.4	447.1	524.3	553.8	496.3	598.7	489.7	546.8	500.0	505.7	512.3	523.4	573.9	56.3	60.3
Mediterranean Europe and Turkey	982.6	911.1	1007.3	1056.4	830.1	964.7	859.8	822.4	1006.2	1141.5	1095.2	773.9	1027.7	825.2	-183.7	-134.7
W. Europe (non-Mediterranean)	921.4	822.7	922.2	937.9	895.3	834.8	920.5	857.9	885.1	947.5	888.5	827.9	960.0	893.0	-8.8	-1.0

Table 5. Rainfall by MPZ (mm)

	Rainfall time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
West Africa	185	178	206	226	203	211	195	212	196	243	226	173	253	239	21	31
South America	680	729	767	683	743	619	809	651	598	928	645	629	681	660	-36	-45
North America	282	282	315	252	351	233	329	264	253	423	191	269	242	284	8	0
South and Southeast Asia	159	220	184	196	176	239	166	221	195	197	260	167	168	250	53	54
Western Europe	379	220	358	325	235	229	269	219	274	327	282	227	321	283	-3	1
Central Europe and Western Russia	149	209	208	208	213	176	211	174	162	229	226	169	224	181	-21	-16

Table 6. Temperature by MPZ (degrees Celsius)

	Temperature time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
West Africa	25.9	26.3	26.6	26.8	27.0	27.5	26.4	26.3	26.8	27.1	26.6	26.5	26.7	26.8	0.0	0.1
South America	23.3	23.2	23.8	23.1	22.8	23.3	23.6	23.5	23.6	23.7	23.2	23.4	24.0	24.1	0.6	0.7
North America	3.4	6.7	4.0	5.1	5.7	6.5	5.4	5.3	4.1	3.7	4.0	6.3	5.2	3.5	-1.2	-1.6
South and Southeast Asia	21.9	21.8	21.8	21.8	21.6	21.6	22.1	21.7	22.0	21.9	21.6	21.8	21.8	21.4	-0.5	-0.4
Western Europe	6.7	5.5	5.8	5.5	5.9	5.0	7.9	5.6	4.9	5.2	4.4	6.7	5.7	6.7	1.3	1.0
Central Europe and Western Russia	1.1	-1.3	-2.3	0.4	0.9	-0.8	2.6	-0.8	1.0	-1.3	-0.2	-0.1	-0.3	0.8	1.0	0.9

Table 7. PAR by MPZ (W/m²)

	PAR time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
West Africa	986	985	970	951	967	927	1014	937	922	920	899	977	914	1007	81	56
South America	1392	1393	1379	1454	1432	1400	1350	1354	1381	1251	1338	1380	1363	1385	42	11
North America	523	528	504	524	497	534	516	525	531	490	542	531	516	534	12	14

	PAR time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
South and Southeast Asia	952	923	933	944	961	934	942	942	942	938	906	948	943	953	18	14
Western Europe	269	297	269	282	288	301	286	294	281	279	283	298	271	284	2	0
Central Europe and Western Russia	224	222	216	220	217	234	210	226	226	216	224	228	218	226	4	4

Table 8. Biomass by MPZ (g DM/square meter)

	Biomass time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
West Africa	501.0	490.0	544.6	630.3	567.5	559.6	500.6	557.1	532.4	723.9	652.6	491.4	667.4	639.2	25.7	68.6
South America	1791.6	1842.3	1886.5	1696.5	1835.6	1642.7	1935.3	1685.0	1541.8	2025.8	1709.3	1673.5	1705.6	1762.8	31.6	-4.3
North America	746.4	703.2	734.4	711.4	814.2	685.7	797.0	692.9	693.6	801.7	606.9	718.0	647.5	706.9	13.4	-12.6
S. and Southeast Asia	374.8	534.5	506.9	466.3	409.3	539.9	396.7	444.2	436.4	518.1	601.1	420.5	433.4	572.5	90.6	104.7
Western Europe	1037.1	837.8	992.8	981.5	868.1	850.9	975.4	824.0	919.8	991.4	896.9	820.9	986.5	946.8	23.7	25.0
Central Europe and Western Russia	576.9	614.9	577.3	686.4	693.1	642.1	714.3	619.8	642.5	664.7	648.0	604.7	673.1	658.6	12.1	15.7

Table 9. Rainfall by country (mm)

	Rainfall time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Argentina	560	494	639	447	501	377	587	425	344	626	400	387	546	513	52	26
Australia	281	204	136	260	268	267	146	302	263	248	465	326	208	190	-112	-70
Bangladesh	186	300	174	304	298	396	77	365	186	167	234	61	220	253	79	25
Brazil	705	801	728	726	708	694	771	696	703	879	764	740	672	730	-22	-7
Cambodia	503	360	289	244	209	406	309	344	383	333	385	420	313	362	-5	16
Canada	183	205	186	247	237	249	245	232	232	227	224	221	235	243	15	18
China	203	154	199	119	110	122	141	120	152	135	131	172	173	177	24	28
Egypt	79	78	73	73	74	54	63	68	34	54	52	80	79	50	-10	-16
Ethiopia	229	170	156	124	162	103	205	103	180	195	110	148	120	198	47	44
France	527	232	434	444	258	274	307	239	368	369	320	270	364	328	-10	-11
Germany	221	258	345	264	220	185	263	228	195	287	272	248	278	262	6	11
India	74	160	115	171	148	178	109	120	97	155	182	92	112	199	71	67
Indonesia	1211	1130	975	1226	1064	1267	976	1140	1299	1226	1233	1149	1210	1140	-83	-22
Iran	200	237	209	244	232	175	200	131	137	181	114	161	193	264	107	78
Kazakhstan	132	135	115	98	149	79	138	85	88	111	94	97	145	141	34	28
Mexico	177	169	205	244	198	225	249	181	144	262	78	156	120	274	122	89
Myanmar	211	285	241	158	153	215	199	353	256	182	291	193	220	288	60	61
Nigeria	132	118	161	128	136	145	145	209	138	253	193	160	206	201	11	38
Pakistan	27	21	41	88	135	51	114	71	110	35	17	62	41	89	36	26
Philippines	1105	898	649	700	656	1102	865	1023	1015	873	1216	1126	816	1032	23	106
Poland	165	178	207	187	204	156	236	172	169	227	216	155	207	160	-35	-31
Romania	98	141	192	257	230	174	130	246	204	322	251	159	237	188	-47	-15
Russia	151	198	186	162	191	144	205	143	152	180	190	149	193	170	-3	-3
SouthAfrica	360	485	294	288	357	390	343	449	372	477	442	298	366	366	-25	-13
Thailand	319	288	299	221	118	323	275	296	344	283	394	344	258	328	3	39

	Rainfall time series													2014 departure from reference		
Turkey	190	412	274	368	263	279	250	306	267	418	323	316	380	292	-49	-19
United Kingdom	425	313	395	326	310	281	428	329	325	378	281	328	416	495	149	146
Ukraine	128	169	175	239	193	195	155	158	141	244	222	149	238	139	-60	-46
United States	277	282	325	266	351	265	328	277	257	411	212	274	246	279	-1	-11
Uzbekistan	139	147	145	183	209	115	124	101	121	124	44	178	130	232	113	97
Vietnam	547	435	434	369	256	482	302	542	631	352	593	454	296	432	-33	-6

Table 10. Temperature by country (degrees Celsius)

	Temperature time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Argentina	21.5	21.7	22.6	22.4	22.1	22.1	22.8	22.3	23	22.8	22.2	22.8	22.8	23.4	0.7	1
Australia	20.9	19.5	20.7	20.2	20.6	20.9	20.7	20.6	20.3	21.3	19.9	20.1	21.1	20.8	0.3	0.3
Bangladesh	21.5	22	21.4	22	21.7	21.6	21.7	22	22.3	21.5	21.8	21.5	20.6	21.2	-0.4	-0.5
Brazil	25.8	25.8	25.8	25.2	25.4	25.4	25.6	26	26	26.2	25.9	25.5	26.2	26	0	0.2
Cambodia	26.4	26.1	26.5	26.2	26.1	26.3	26.6	26	25.4	26.7	26.3	26.7	27.5	25.6	-0.9	-0.8
Canada	-5.1	-3.5	-6.9	-5.7	-6.2	-2.6	-4.2	-5.5	-6.5	-5.6	-5.8	-3.1	-6	-6.4	-1	-1.3
China	6.2	7.1	6.2	6.6	6.6	6.7	7.5	6.6	6.9	6.4	5.8	6.4	6	7	0.7	0.5
Egypt	17.8	16.9	18.5	17.9	17.9	17.3	17.3	17.5	18.1	18.5	18.9	16.6	18.4	18	-0.1	0.2
Ethiopia	19.2	19.7	19.3	19.2	19.3	20.3	19.9	20.1	19.9	20.6	20.5	20	20.8	20.3	-0.1	0.3
France	7.6	6.2	7.2	6.6	6.5	5.9	8.4	6.3	5.4	6.3	5.5	8.1	6.9	7.5	1.1	0.8
Germany	5.5	4.6	3.9	3.9	4.6	3.8	7.4	4.6	3.6	3.4	2.9	5.3	4.1	5.6	1.7	1.2
India	21.3	21.3	21.2	21	20.9	20.6	21.3	20.9	21.6	21	20.9	21	20.7	20.7	-0.3	-0.3
Indonesia	25.6	25.6	26	25.7	25.8	25.4	25.9	25.5	25.4	25.6	25.3	25.4	25.7	25.5	0	-0.2
Iran	7.3	8.7	8.1	8.6	7.1	8	6.8	6.3	7.4	9.1	8.9	6.8	8.8	7.4	-0.8	-0.4
Kazakhstan	-7	-4.4	-6.2	-5.5	-5.1	-6.4	-3	-7.3	-4.1	-6.8	-6.1	-7.9	-7.1	-3.9	2.5	2
Mexico	18.2	18.8	18.6	18.7	18.8	18.9	18.5	18.8	18.7	18.4	18.3	18.7	19.1	18.6	0	-0.1

	Temperature time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Myanmar	21.6	21.4	21.3	22	21.5	22	21.7	21.9	21.6	22.7	22.1	21.9	22.6	21.7	-0.5	-0.2
Nigeria	25.4	25.7	26.5	26.4	27.1	27.8	26	26.3	27.2	27.4	26.7	26.5	27.1	27	0	0.3
Pakistan	14.2	14.8	14.7	13.9	13.7	14.1	14.5	13.5	14.8	14	13.7	14.1	13.7	14	0	-0.1
Philippines	25.3	25.1	25.4	25.1	25.1	25.3	25.4	25.1	25.1	25	25.2	25.3	25.2	24.9	-0.2	-0.3
Poland	5.1	2.5	1.2	2.1	4.1	1.5	6.2	3	3.5	1.5	1.8	3.7	2.3	4.2	1.7	1.2
Romania	5.1	1.4	2.3	2.1	3.9	1.9	5.1	1.9	3.7	3.2	2.8	2.3	3.2	4.1	1.1	1.2
Russia	-5.7	-5.2	-7.2	-4.3	-4.3	-5.7	-2.5	-5.6	-3.5	-7	-5.6	-5.3	-6	-3.5	2	1.7
SouthAfrica	19.8	20.1	20.4	20.8	20.9	20	20.3	19.1	20.4	19.7	19.9	20	19.9	20.1	0.1	0
Thailand	24.9	24.2	24.9	24.7	24.5	24.8	25.1	24.5	23.7	25	24.5	24.7	25.7	23.7	-1	-1
Turkey	5.2	3.9	5.1	5.1	4.9	4	3.9	3.8	5.5	7.3	7	3.6	6.7	4.9	-1.1	-0.2
United Kingdom	5.8	7.1	6.3	6.3	6.9	6.5	7.8	6.9	5.3	5.3	4.1	7.5	5.4	6.9	1.4	0.7
Ukraine	3.6	0.4	0	1.9	3.1	0.8	4.3	1.4	2.6	1.2	2	1.9	2	2.7	0.7	0.7
United States	3.9	7	4.9	5.6	6.2	6.6	5.8	5.8	4.7	4.3	4.5	6.2	5.6	4.1	-1	-1.4
Uzbekistan	4	6.1	5.2	6	5.5	4.5	5.6	2.2	5.6	6.4	6.2	3.4	4.7	5.5	0.3	0.5
Vietnam	21.4	20.9	21.3	21.5	21.1	21.4	22	21.1	20.9	21.9	20.7	21.1	22.1	20.7	-0.6	-0.6

Table 11. PAR by country (W/m²)

	PAR time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Argentina	1467	1489	1475	1531	1499	1498	1464	1482	1521	1400	1514	1531	1487	1491	0	2
Australia	1505	1513	1576	1531	1530	1512	1541	1470	1504	1526	1434	1461	1534	1550	58	39
Bangladesh	914	860	887	859	892	886	895	881	898	887	857	887	901	881	-5	-4
Brazil	1275	1256	1291	1313	1325	1271	1246	1212	1216	1165	1174	1190	1218	1237	44	-5
Cambodia	999	1061	1014	1102	1166	1014	1079	1039	1010	1037	1008	1031	994	1090	74	47

	PAR time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Canada	278	268	276	272	274	264	268	269	274	262	281	275	261	288	17	17
China	595	616	613	629	641	628	635	640	647	632	646	623	632	680	44	51
Egypt	753	737	739	754	751	739	756	751	751	760	759	741	737	770	20	22
Ethiopia	1183	1205	1205	1203	1193	1240	1160	1230	1186	1161	1167	1200	1186	1196	16	2
France	288	330	291	303	305	327	318	330	309	310	309	325	295	311	1	0
Germany	214	220	205	222	228	241	216	220	214	211	213	229	208	218	3	-1
India	968	920	943	926	932	937	928	948	942	927	900	955	953	945	10	8
Indonesia	945	968	1024	978	1032	940	1035	964	946	994	957	978	999	965	-10	-17
Iran	673	678	684	683	682	693	685	705	685	677	715	696	676	703	13	16
Kazakhstan	284	286	303	308	288	308	291	312	301	304	311	304	293	310	7	11
Mexico	940	968	933	940	960	963	919	957	973	928	1013	980	962	927	-44	-30
Myanmar	928	886	898	935	954	903	937	914	936	945	905	926	913	939	14	17
Nigeria	1035	1044	995	971	989	937	1031	916	897	908	901	965	874	1014	105	55
Pakistan	810	812	795	792	787	807	791	801	800	798	818	802	805	825	20	24
Philippines	883	937	975	977	1029	901	969	896	892	1018	859	924	999	910	-28	-33
Poland	200	199	186	195	190	215	188	194	201	186	204	212	196	205	5	8
Romania	350	355	323	333	344	351	351	333	344	318	336	364	349	348	6	6
Russia	201	199	203	209	199	213	193	211	206	204	207	207	200	211	6	7
SouthAfrica	1496	1422	1512	1499	1443	1442	1457	1425	1424	1447	1446	1492	1426	1497	50	41
Thailand	930	974	951	1045	1099	974	1036	1000	1005	1012	979	1001	960	1051	60	54
Turkey	530	527	531	521	539	523	538	532	537	509	533	537	508	565	40	37
United Kingdom	167	169	162	175	165	177	171	172	171	167	179	175	164	172	1	2
Ukraine	263	271	253	253	256	271	252	266	268	245	259	268	249	258	0	-2
United States	537	541	520	537	513	546	532	538	545	508	554	545	532	551	14	17
Uzbekistan	515	516	523	502	510	534	524	544	522	526	551	521	530	544	14	20

	PAR time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Vietnam	868	899	881	929	969	885	922	865	869	905	829	864	881	902	32	12

Table 12. Biomass by country (g DM/square meter)

	Biomass time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Argentina	1031.0	985.3	1068.2	857.9	984.7	879.8	1057.3	887.0	775.7	950.0	845.0	842.9	958.4	921.9	47.5	-10.6
Australia	917.5	787.1	485.8	724.4	584.3	826.8	614.8	702.9	848.4	677.1	1044.2	946.3	589.0	773.5	-47.5	23.6
Bangladesh	436.1	636.8	510.8	577.4	402.4	677.2	303.3	796.3	435.1	354.5	629.2	266.9	464.4	665.7	235.6	166.4
Brazil	1813.0	1880.5	1793.0	1740.2	1763.8	1816.5	1868.1	1819.8	1877.6	1980.2	1978.8	1917.9	1754.3	1891.7	-10.0	45.3
Cambodia	1116.8	864.4	895.9	649.1	502.9	1097.9	685.3	894.4	998.6	999.6	900.7	991.1	860.3	947.5	-2.5	66.2
Canada	278.3	309.7	295.1	311.1	265.0	321.6	313.5	277.5	286.4	285.3	331.0	321.5	279.3	292.9	-7.8	-5.2
China	339.2	309.3	332.9	282.5	270.4	255.0	277.4	264.5	269.4	291.1	273.5	324.0	319.7	355.7	60.1	62.7
Egypt	71.6	62.2	69.1	55.5	52.9	42.3	49.5	53.7	30.8	47.6	61.2	66.3	77.2	71.6	15.0	14.7
Ethiopia	677.3	529.8	607.2	511.3	600.8	339.2	649.9	411.7	553.1	618.0	357.5	549.2	463.0	612.3	104.2	84.0
France	1213.8	885.4	1160.1	1127.0	882.4	933.3	1066.0	846.5	1027.2	1077.6	994.4	881.5	1101.5	1051.8	35.4	36.7
Germany	910.1	961.1	922.7	901.8	929.4	813.6	1085.1	928.8	843.6	914.8	869.7	951.6	945.9	995.5	90.4	74.1
India	216.0	406.8	325.5	401.9	365.6	397.2	307.7	273.7	258.5	413.3	513.2	287.9	295.3	458.2	104.6	115.0
Indonesia	2357.0	2290.1	2097.8	2313.7	2113.4	2354.2	2008.2	2262.1	2365.2	2274.2	2376.7	2320.6	2327.2	2217.1	-115.6	-49.0
Iran	494.9	520.6	507.1	538.7	599.9	446.1	531.2	415.6	394.9	489.7	304.2	411.2	522.4	565.0	140.5	89.9
Kazakhstan	384.7	452.3	417.0	413.4	495.4	356.1	478.3	357.8	383.4	425.0	347.2	386.0	432.2	479.6	84.9	69.8
Mexico	505.7	391.5	534.1	591.3	511.4	433.6	618.5	403.5	325.8	689.5	177.9	369.2	343.9	595.9	214.7	142.4
Myanmar	591.1	802.6	786.4	532.6	456.5	708.3	554.3	859.5	696.3	516.9	773.6	528.6	619.3	675.9	49.0	27.8

	Biomass time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Nigeria	328.2	287.0	391.7	387.2	346.6	370.5	362.6	435.0	365.5	605.6	495.3	378.5	502.1	442.6	-26.8	38.3
Pakistan	87.0	66.4	124.8	198.1	275.1	111.7	306.8	192.5	328.6	118.1	61.6	168.2	119.6	189.0	29.8	23.0
Philippines	2047.5	1652.0	1432.1	1482.8	1389.6	2019.3	1709.3	1971.7	1904.0	1548.5	2121.8	2045.3	1711.1	1768.9	-97.3	-3.1
Poland	779.6	800.0	765.0	795.3	918.2	718.2	1015.0	799.6	801.9	804.5	794.3	729.4	827.6	752.6	-38.9	-58.8
Romania	442.0	585.0	723.1	775.5	746.3	683.5	557.4	777.3	720.2	869.6	841.6	628.8	849.5	668.4	-113.5	-39.2
Russia	212.9	240.3	221.9	269.8	260.5	271.7	268.6	263.9	278.3	242.1	254.2	274.2	242.0	268.4	10.2	14.5
SouthAfrica	827.4	1136.6	812.2	791.6	865.1	947.5	822.4	1146.2	847.7	1156.4	1072.3	771.0	920.0	932.2	-21.2	0.2
Thailand	706.7	742.8	900.2	535.5	333.0	802.4	551.9	654.1	830.9	812.4	774.3	775.1	787.4	749.2	-46.9	41.0
Turkey	662.2	923.8	844.2	952.8	798.4	855.9	761.7	868.5	886.1	1093.1	979.8	844.0	1025.6	803.2	-162.5	-81.1
United Kingdom	1062.9	1054.9	1099.6	1085.8	1028.4	976.2	1189.1	1061.4	1006.9	1038.1	930.0	1028.8	1023.7	1144.9	139.4	99.8
Ukraine	575.4	697.8	689.0	782.4	777.6	744.5	688.1	698.5	647.5	805.9	828.9	640.0	805.6	639.7	-105.9	-82.0
United States	615.4	561.5	609.7	577.4	676.3	548.8	615.2	563.9	530.5	622.9	518.4	555.0	517.2	567.5	18.7	-10.4
Uzbekistan	342.8	407.1	345.7	425.4	502.8	355.7	419.0	281.3	339.9	350.9	180.3	440.8	366.0	557.1	221.5	191.1
Vietnam	1009.4	962.9	1113.4	693.9	551.2	1022.6	754.0	914.3	1090.0	798.7	952.0	923.5	816.4	828.9	-87.2	-63.5

Table 13. China rainfall by region (mm)

	Rainfall time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Gansu-Xinjiang	38	41	47	36	41	36	36	38	36	55	47	44	60	109	61	66
Hainan	701	341	260	155	64	220	183	293	625	567	878	564	276	307	-275	-87
Huanghuaihai	167	72	49	174	50	54	58	79	42	95	16	111	93	61	-10	-21
InnerMongolia	42	40	34	54	41	19	28	43	34	37	63	37	78	58	8	16
Loessregion	107	64	60	120	49	64	40	80	38	73	35	113	37	70	11	2
LowerYangtze	342	243	404	154	180	218	217	193	212	241	176	260	321	281	39	38
NorthEast China	87	62	100	93	87	47	65	64	69	94	105	53	137	126	34	44
Qinghai-Tibet	79	103	85	85	116	89	95	115	97	85	100	71	87	147	59	54
SouthernChina	245	202	256	86	65	109	179	153	195	116	137	237	223	213	31	44
SouthWestChina	161	162	142	124	124	131	169	90	191	98	143	171	99	167	27	28

Table 14. China temperature by region (degrees Celsius)

	Temperature time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Gansu-Xinjiang	-4.5	-3.4	-3.3	-4.1	-3.8	-4.7	-2.3	-4.4	-2.7	-3.7	-4.7	-4.1	-5.1	-2.7	1.4	1.2
Hainan	21.7	21.2	20.6	21	21.1	21.4	21.7	20.8	20.4	21.1	20	20.1	21.8	20.1	-0.6	-0.9
Huanghuaihai	5.3	6.5	5	5.7	6	6.1	7.3	5.8	6.4	5.1	5.6	5.8	4.8	6.7	1.1	0.9
InnerMongolia	-7.2	-4.4	-7.1	-5.4	-5	-5.3	-4.2	-5.5	-4.8	-7	-6.6	-5.8	-7.4	-4.1	2.2	1.7
Loessregion	1.4	2.1	1.2	1	1.2	1.1	2.5	1	1.7	1.1	0.9	1.4	0.9	2.3	1.1	1
LowerYangtze	11.5	11.8	11.3	11.1	11.2	11.7	12.3	11.4	11.6	11.3	10.4	11.3	10.9	11.8	0.6	0.4
NorthEast China	-10.5	-6	-9.2	-6.9	-6.6	-7.8	-6	-7	-6.7	-8.8	-8.8	-7.9	-9.6	-6.5	1.8	1.3
Qinghai-Tibet	0.9	1	0.6	1.1	0.6	1.3	0.7	1.2	0.9	1.2	0.5	0.6	0.6	0.6	-0.2	-0.3
SouthernChina	16.2	15.7	15.6	15.8	15.5	16.2	16.3	15.8	15.7	16	14.9	15.3	16	15.3	-0.3	-0.5
SouthWestChina	9	9.2	9.2	8.9	8.6	9	9.5	8.8	9.2	9.3	8.2	8.9	8.9	9.2	0.4	0.3

Table 15. China PAR by region (W/m²)

	PAR time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Gansu-Xinjiang	474	480	489	492	485	489	492	495	493	491	503	490	489	530	67	82
Hainan	853	876	847	941	967	876	932	906	892	865	854	823	880	904	22	14
Huanghuaihai	488	528	534	508	544	536	547	535	554	542	577	531	550	605	74	53
InnerMongolia	477	486	479	484	488	493	497	490	495	493	490	488	486	522	50	70
Loessregion	548	561	587	566	575	563	589	558	588	583	597	561	587	640	-36	-17
LowerYangtze	571	633	612	663	678	640	650	666	669	641	681	637	649	737	7	30
NorthEast China	391	404	391	388	397	411	408	418	404	406	394	416	394	426	20	19
Qinghai-Tibet	833	809	819	813	810	834	822	812	826	828	812	818	820	836	77	51
SouthernChina	783	790	771	841	842	816	825	846	851	805	810	791	801	857	19	40
SouthWestChina	655	647	667	651	663	666	667	672	682	682	687	666	682	695	-19	-24

Table 16. China Biomass by region (g DM/square meter)

	Biomass time series														2014 departure from reference	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
Gansu-Xinjiang	92.3	110.6	110.7	100.5	105.8	105.7	91.4	100.3	99.3	122.3	107.8	118.8	119.7	245.8	132.3	139.3
Hainan	648.1	332.7	235.3	583.2	240.4	248.0	244.9	349.2	192.4	415.6	80.2	444.0	417.1	287.9	-21.9	-52.9
Huanghuaihai	200.2	185.1	160.7	217.0	177.4	98.8	141.0	184.8	172.4	177.0	227.4	179.8	308.1	266.5	53.5	79.6
InnerMongolia	440.2	289.4	267.6	397.2	242.5	249.3	191.0	331.9	173.0	324.8	173.1	469.5	191.3	288.4	22.1	0.7
Loessregion	1066.0	861.3	1164.1	620.4	668.5	681.8	732.5	636.7	618.3	824.9	580.5	819.3	975.6	685.0	-78.7	-103.4
LowerYangtze	297.3	273.6	283.1	326.5	350.3	229.1	275.9	264.5	298.6	315.4	336.5	248.4	351.5	379.9	69.8	83.7
NorthEast China	155.6	192.8	178.2	168.5	201.8	197.3	183.8	200.8	185.0	191.9	222.8	202.2	188.1	281.6	83.6	91.7
Qinghai-Tibet	712.8	693.5	941.6	346.0	285.2	414.7	542.6	504.8	592.8	413.7	492.0	685.5	663.1	576.4	7.0	15.8
SouthernChina	550.7	567.9	534.8	493.0	497.5	482.0	613.5	378.1	562.2	406.2	511.1	596.2	366.5	528.5	40.1	23.9

	Biomass time series													2014 departure from reference		
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2001-2013
SouthWestChina	92.3	110.6	110.7	100.5	105.8	105.7	91.4	100.3	99.3	122.3	107.8	118.8	119.7	245.8	132.3	139.3

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Table 17. Uncropped arable land (UAL) by MPZ

	UAL time series												2014 departure from reference		
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
West Africa	9.6	4.8	1.2	11.9	4.5	7.5	14.0	8.2	7.0	1.8	10.1	1.9	7.7	1.9	0.81
South America	0.2	0.2	1.6	0.2	0.6	0.3	1.6	7.5	1.0	0.6	2.9	0.8	2.6	0.1	1.17
North America	29.8	19.2	35.4	24.1	29.1	28.9	52.1	45.6	53.8	55.4	20.0	33.0	49.6	8.0	14.05
Southeast Asia	8.0	15.7	5.0	10.8	5.4	3.9	5.9	5.4	5.1	2.2	6.1	4.0	2.5	-2.1	-3.96
West Europe	13.3	4.7	3.4	2.7	8.5	0.6	8.0	5.4	7.6	13.9	3.8	5.2	1.1	-6.1	-5.31
East Europe and Russia	67.4	50.9	44.5	42.5	54.3	23.4	54.1	32.4	49.6	69.4	37.3	55.8	47.0	-1.9	-1.45

Table 18. Maximum Vegetation Condition Index (VCI) by MPZ

	VCI time series													2014 departure from reference	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
West Africa	0.86	0.89	0.90	0.85	0.87	0.88	0.85	0.84	0.84	0.87	0.84	0.85	0.85	0.00	-0.01
South America	0.83	0.85	0.80	0.83	0.79	0.87	0.82	0.76	0.86	0.85	0.75	0.83	0.82	0.01	0.00
North America	0.72	0.78	0.71	0.81	0.74	0.73	0.72	0.78	0.78	0.75	0.71	0.65	0.80	0.07	0.06
South and Southeast Asia	0.77	0.73	0.83	0.80	0.81	0.79	0.79	0.79	0.79	0.84	0.83	0.83	0.88	0.06	0.08
Western Europe	0.79	0.79	0.76	0.77	0.79	0.85	0.74	0.76	0.77	0.82	0.82	0.84	0.88	0.08	0.09
Central Europe and Western Russia	0.72	0.68	0.71	0.74	0.64	0.74	0.76	0.70	0.69	0.72	0.72	0.78	0.81	0.09	0.10

Table 19. Uncropped arable land (UAL) by country

	UAL time series													2014 departure from reference	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
Argentina	0.2	0.2	3.6	0.3	1.1	0.6	3.1	15.5	2.2	1.1	5.9	2.0	6.0	0.7	3.0
Australia	25.9	46.9	17.3	26.1	14.7	51.2	30.7	29.9	30.1	23.1	12.7	33.7	35.1	9.2	6.6
Bangladesh	7.8	8.7	3.3	2.5	10.4	4.6	3.9	2.3	9.6	2.5	2.5	6.4	4.4	-0.2	-1.0
Brazil	0.3	0.7	1.4	0.6	0.7	0.4	0.9	0.6	0.3	0.2	0.6	2.0	0.4	-0.4	-0.3
Cambodia	6.0	1.6	1.1	14.4	1.0	8.0	1.6	3.8	7.4	5.6	4.4	0.9	4.9	0.5	0.2
Canada	75.7	53.0	85.1	75.5	46.6	80.2	90.9	83.8	89.1	91.6	55.3	81.1	90.9	10.7	15.2
China	32.0	40.3	40.6	30.9	37.9	28.7	28.0	29.4	39.8	34.5	28.4	37.8	30.7	-3.3	-3.3
Egypt	23.2	20.0	19.5	18.3	17.6	17.4	17.2	16.8	16.9	17.3	14.8	16.0	15.3	-1.0	-2.6
Ethiopia	3.4	17.8	3.0	8.7	8.2	1.2	17.4	5.8	8.0	8.0	5.2	5.7	2.3	-4.3	-5.4
France	6.3	2.5	2.9	1.8	3.9	1.0	11.8	7.8	2.3	2.9	1.8	4.1	1.8	-2.0	-2.3
Germany	3.8	9.8	1.5	0.4	11.1	0.1	3.1	2.5	17.7	24.6	1.1	8.5	0.2	-10.7	-6.9
India	11.3	22.5	8.9	9.4	8.3	6.0	8.8	8.0	6.9	3.7	8.0	6.1	3.6	-3.0	-5.4
Indonesia	0.2	0.3	1.7	0.3	0.6	0.7	0.5	1.1	0.3	0.7	0.3	0.4	1.0	0.4	0.4
Iran	62.0	68.3	59.3	64.4	60.0	64.1	70.3	62.2	46.5	70.8	66.0	44.8	55.3	-2.8	-6.3
Kazakhstan	92.7	96.4	93.7	93.8	94.5	96.9	95.5	80.5	92.3	91.0	97.7	91.7	88.8	-1.9	-4.3
Mexico	10.7	7.6	6.4	5.7	8.9	4.1	4.7	3.8	4.5	8.1	15.0	9.4	3.8	-4.3	-3.6
Myanmar	3.6	1.8	3.7	8.7	0.7	2.2	2.3	2.6	16.8	1.2	3.5	4.8	0.9	-4.8	-3.4
Nigeria	12.1	8.2	3.9	18.1	5.9	11.6	21.1	13.6	13.2	4.0	23.4	4.3	13.3	1.6	1.7
Pakistan	36.6	30.3	21.3	21.2	35.9	18.7	24.1	19.9	31.4	20.4	20.7	19.2	18.8	-3.5	-6.2
Philippines	1.4	0.3	0.5	0.5	0.6	0.2	0.1	1.1	0.5	0.5	0.3	0.4	0.2	-0.4	-0.3
Poland	17.1	21.2	10.7	0.4	62.0	0.0	1.3	0.5	31.9	72.4	0.3	16.4	0.1	-24.2	-19.5
Romania	42.4	43.3	2.0	0.8	3.4	1.0	11.9	1.1	11.4	12.9	6.2	32.2	0.3	-12.5	-13.8
Russia	90.4	80.6	77.4	78.8	80.5	53.9	86.8	60.0	65.3	82.6	70.1	72.1	81.8	11.8	6.9
South Africa	2.1	10.9	19.5	7.6	6.3	7.3	1.8	5.3	2.9	2.0	5.7	4.3	7.1	3.0	0.8
Thailand	1.1	0.5	5.7	43.8	1.1	1.1	1.4	1.3	4.4	0.7	1.9	0.7	2.4	0.6	-2.9

	UAL time series												2014 departure from reference		
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
Turkey	63.1	29.6	23.2	54.1	20.4	22.8	37.3	19.4	15.4	9.7	32.7	10.8	36.5	18.9	8.3
United Kingdom	0.3	1.9	7.1	0.7	0.2	0.2	0.3	5.8	0.7	7.1	0.5	7.0	1.2	-3.0	-1.4
Ukraine	42.0	12.1	9.0	0.8	13.0	1.0	18.8	10.9	51.4	59.3	5.1	60.6	6.9	-30.5	-16.8
United States	16.7	9.8	20.7	8.6	23.1	13.6	38.5	31.2	39.1	40.0	10.3	25.7	35.2	5.9	12.1
Uzbekistan	31.5	43.2	24.2	16.2	56.7	42.6	44.7	38.4	34.0	34.7	34.7	30.5	25.9	-8.6	-10.1
Vietnam	2.1	0.8	3.0	4.9	3.2	1.7	1.5	3.1	1.2	1.9	6.2	1.3	1.3	-1.5	-1.3

Table 20. Maximum Vegetation Condition Index (VCI) by country

	VCI time series												2014 departure from reference		
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
Argentina	0.86	0.88	0.76	0.84	0.78	0.86	0.79	0.69	0.81	0.79	0.68	0.77	0.74	0.00	-0.05
Australia	0.78	0.46	0.82	0.74	0.85	0.50	0.57	0.62	0.67	0.78	0.71	0.64	0.69	0.01	0.01
Bangladesh	0.84	0.79	0.89	0.78	0.82	0.84	0.77	0.81	0.80	0.81	0.80	0.85	0.88	0.07	0.06
Brazil	0.84	0.82	0.81	0.82	0.81	0.85	0.81	0.82	0.87	0.87	0.82	0.82	0.84	0.00	0.01
Cambodia	0.80	0.82	0.85	0.82	0.83	0.82	0.83	0.79	0.80	0.85	0.80	0.84	0.81	-0.01	-0.01
Canada	0.62	0.83	0.65	0.79	0.76	0.72	0.70	0.73	0.72	0.81	0.74	0.69	0.74	0.01	0.01
China	0.69	0.66	0.76	0.77	0.75	0.77	0.77	0.78	0.75	0.81	0.80	0.87	0.80	-0.01	0.03
Egypt	0.81	0.81	0.79	0.80	0.80	0.81	0.79	0.81	0.79	0.80	0.80	0.84	0.85	0.04	0.05
Ethiopia	0.87	0.81	0.89	0.86	0.84	0.85	0.83	0.83	0.79	0.81	0.83	0.84	0.85	0.03	0.01
France	0.82	0.81	0.80	0.81	0.81	0.86	0.75	0.77	0.78	0.85	0.87	0.85	0.89	0.06	0.07
Germany	0.86	0.80	0.79	0.81	0.83	0.87	0.78	0.80	0.81	0.81	0.86	0.85	0.94	0.11	0.11
India	0.72	0.67	0.80	0.78	0.78	0.76	0.76	0.76	0.76	0.84	0.83	0.81	0.88	0.08	0.11
Indonesia	0.91	0.89	0.89	0.90	0.88	0.86	0.88	0.89	0.89	0.90	0.89	0.88	0.88	-0.01	-0.01
Iran	0.52	0.54	0.59	0.58	0.56	0.61	0.52	0.55	0.71	0.53	0.60	0.75	0.65	0.02	0.06
Kazakhstan	0.67	0.59	0.70	0.61	0.68	0.49	0.54	0.54	0.59	0.53	0.60	0.60	0.83	0.26	0.23

	VCI time series												2014 departure from reference		
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
Mexico	0.75	0.77	0.84	0.82	0.76	0.81	0.82	0.86	0.81	0.83	0.68	0.74	0.83	0.05	0.04
Myanmar	0.88	0.87	0.88	0.83	0.86	0.83	0.83	0.85	0.84	0.87	0.83	0.83	0.86	0.01	0.01
Nigeria	0.84	0.85	0.86	0.79	0.85	0.87	0.80	0.80	0.79	0.85	0.79	0.83	0.82	0.01	-0.01
Pakistan	0.55	0.63	0.68	0.70	0.61	0.71	0.63	0.73	0.67	0.73	0.76	0.76	0.72	-0.01	0.04
Philippines	0.89	0.89	0.89	0.87	0.88	0.88	0.89	0.89	0.87	0.90	0.89	0.87	0.88	0.00	0.00
Poland	0.82	0.74	0.76	0.76	0.74	0.84	0.81	0.81	0.79	0.80	0.83	0.88	0.89	0.07	0.09
Romania	0.76	0.79	0.79	0.77	0.77	0.78	0.82	0.75	0.73	0.83	0.60	0.74	0.86	0.14	0.10
Russia	0.69	0.65	0.73	0.73	0.63	0.67	0.72	0.67	0.68	0.66	0.72	0.75	0.82	0.12	0.12
South Africa	0.84	0.69	0.65	0.75	0.79	0.75	0.84	0.78	0.83	0.86	0.75	0.78	0.75	-0.05	-0.03
Thailand	0.86	0.83	0.84	0.82	0.84	0.82	0.82	0.85	0.86	0.84	0.85	0.85	0.86	0.01	0.02
Turkey	0.47	0.68	0.64	0.53	0.60	0.65	0.57	0.70	0.76	0.79	0.65	0.81	0.62	-0.12	-0.03
United Kingdom	0.82	0.76	0.71	0.80	0.82	0.86	0.78	0.76	0.79	0.86	0.89	0.79	0.89	0.08	0.09
Ukraine	0.73	0.77	0.66	0.75	0.60	0.75	0.79	0.72	0.66	0.77	0.63	0.82	0.76	0.04	0.04
United States	0.74	0.78	0.72	0.82	0.74	0.73	0.74	0.78	0.78	0.74	0.72	0.67	0.80	0.06	0.05
Uzbekistan	0.62	0.75	0.88	0.77	0.73	0.73	0.70	0.73	0.74	0.77	0.75	0.78	0.76	0.01	0.01
Vietnam	0.88	0.88	0.88	0.87	0.86	0.87	0.88	0.87	0.87	0.86	0.87	0.90	0.86	-0.01	-0.01

Table 21. China uncropped arable land (UAL) by region

	UAL time series												2014 departure from reference		
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
Huanghuaihai	18.0	54.6	24.4	4.4	16.5	10.0	15.5	7.6	23.7	11.0	6.6	13.7	10.0	-2.5	-8.4
InnerMongolia	76.9	75.1	79.7	78.2	78.4	77.0	68.5	60.2	64.1	67.7	54.4	90.1	49.1	-18.2	-7.2
Loessregion	50.1	59.1	53.2	38.5	43.3	40.5	48.3	41.6	49.0	36.3	40.9	40.3	43.1	1.5	-23.4
LowerYangtze	5.0	4.2	7.0	3.4	5.7	1.4	8.2	3.7	10.6	8.5	0.6	3.6	6.8	1.4	-2.0
North East China	60.2	70.9	90.1	74.0	86.9	64.4	46.7	73.6	94.2	91.9	67.4	93.9	81.7	-2.5	1.6

	UAL time series													2014 departure from reference	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
SouthernChina	3.7	0.6	8.0	12.6	13.2	1.1	1.6	1.1	2.6	0.5	0.7	0.5	1.3	0.2	5.5
SouthWest China	8.0	5.4	8.8	2.0	10.3	1.0	5.7	2.9	9.0	1.2	13.4	6.1	1.5	-5.0	-2.6

Table 22.China Maximum Vegetation Condition Index (VCI) by region

	VCI time series													2014 departure from reference	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2009-2013	2002-2013
Huanghuaihai	0.61	0.53	0.62	0.79	0.67	0.78	0.66	0.72	0.65	0.74	0.82	0.85	0.72	-0.04	0.01
Inner Mongolia	0.55	0.49	0.71	0.65	0.62	0.56	0.66	0.71	0.55	0.72	0.66	0.89	0.81	0.10	0.16
Loess region	0.65	0.53	0.73	0.69	0.68	0.68	0.70	0.82	0.74	0.86	0.78	0.87	0.76	-0.05	0.03
Lower Yangtze	0.75	0.77	0.80	0.82	0.80	0.85	0.86	0.84	0.80	0.87	0.86	0.85	0.82	-0.03	0.00
North East China	0.56	0.50	0.74	0.71	0.70	0.76	0.72	0.61	0.71	0.70	0.65	0.89	0.71	0.00	0.02
Southern China	0.82	0.82	0.84	0.82	0.84	0.84	0.89	0.85	0.82	0.86	0.87	0.87	0.84	-0.02	-0.01
South West China	0.80	0.79	0.81	0.83	0.83	0.83	0.84	0.88	0.85	0.89	0.89	0.88	0.88	0.00	0.03