Annex A. Agroclimatic indicators

Tables in this Annex provide additional information about the agroclimatic indicators—RAIN,TEMP, and RADPAR—and BIOMASS for the Crop Production System Zones (table A.1), thirty-one main producing and exporting countries (A.2), regions or provinces within large countries—Argentina, Australia, Brazil, Canada, India, Kazakhstan, Russia, and the United States (tables A.3 through A.10), and China (table A.11).

Table A.1. January to April 2014 agroclimatic indicators and biomass by Crop Production System Zones, current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Equatorial_central_Africa	499	-3	-6	25.4	0.0	0.1	1119	1	1	1501	-2	-3
East_African_Highlands	212	-2	-9	20.8	-0.4	0.2	1261	0.0	-1	749	2	-5
Gulf_of_Guinea	220	12	17	28.4	-0.2	-0.1	977	4	2	716	9	14
Horn_of_Africa	297	-16	-21	24.3	-0.3	-0.3	1183	-3	-2	926	-12	-14
Madagascar(main)	885	-9	-13	24.3	-0.3	-0.4	1160	-1	-0.4	1859	-5	-5
SW_Madagascar	554	18	7	25.4	-0.4	-0.4	1204	-1	-0.3	1297	-1	-5
North_Africa_Mediterranean	98	-51	-42	12.6	0.6	0.6	880	1	0.2	404	-38	-29
Sahel	42	102	81	29.6	-0.2	0.1	1196	1	0.0	140	93	72
Southern_Africa	539	10	7	23.8	-0.1	-0.1	1184	-3	-1	1348	0	0
S.Africa_Western_Cape	159	89	44	18.5	0.1	0.0	1291	-1	-1	586	57	33
British_Columbia_To_Colorado	230	25	20	-3.8	-0.2	-0.7	649	0	-0.3	469	9	2
America_northern_great_plains	154	-2	-6	-2.4	-2.1	-2.2	694	-1	-1	461	-11	-15
America_corn_belt	328	3	-2	-1.9	-3.1	-2.9	675	0.2	0.0	599	-18	-18
Am. cotton belt; Mex. coastal plain	347	-3	-5	10.5	-1.6	-1.7	849	-2	-2	907	-7	-11
Sub_boreal_north_America	124	-3	-1	-10.9	-3.1	-2.8	487	-3	-3	291	-20	-19
America_West_Coast	246	-5	-13	7.9	1.4	1.2	720	3	3	670	-2	-8
Sierra_Madre	48	-23	-27	15.9	0.4	0.4	1194	-0.1	1	181	-23	-32
SW Mexico, N Mexico highlands	75	24	1	8.5	0.5	-0.1	964	0.3	1	317	11	-7
N South and Central America	193	-27	-22	26.2	0.1	0.1	1172	2	1	549	-24	-19
Caribbean	210	15	5	24.5	0.7	0.4	1182	0.3	0.3	728	18	10
Central_Northern_Andes	678	9	8	16.5	0.0	-0.1	1115	0.4	-2	1348	-2	-3
Brazil_Nordeste	337	-15	-29	27.0	-0.1	0.8	1224	2	0.3	1062	-9	-16
Central_Eastern_Brazil	702	-7	-9	25.7	0.1	0.2	1101	1	-4	1785	-3	-3
Amazon	1152	6	6	26.8	-0.2	-0.2	988	3	-1	2262	0	1
Central_north_Argentina	527	34	19	24.0	-0.9	-0.6	1250	-0.2	-1	1493	20	13
SE_Brazil_Concepcion_Bahia_Blanca	730	40	33	22.7	-0.2	-0.1	1196	-2	-2	1780	24	19
SW_southern_cone	82	-35	-46	13.5	-1.1	-0.8	1193	-0.5	-0.1	332	-24	-36
Semi_arid_southern_cone	212	56	44	17.5	-1.3	-0.9	1279	0.3	1	521	18	5
Caucasus	271	2	1	4.1	0.8	1.0	745	4	4	784	4	4
Central_Asia_Pamir_mountains	202	-22	-14	2.3	-1.1	-1.2	851	-1	-1	568	-17	-12
Western_Asia	160	3	1	6.5	-0.5	-0.5	825	1	1	541	-5	-4
China_Gansu_Xinjiang	86	110	108	-2.3	0.0	-0.3	750	1	2	279	74	68
China_Hainan	130	-26	-4	20.4	-0.2	-0.5	1028	3	2	398	-33	-17
China_Huang_Huaihai	88	12	1	7.6	2.0	1.4	752	1	2	368	7	0
China_Inner_Mongolia	42	4	7	-2.4	2.9	1.9	732	-1	-0.5	213	7	7
China_Loess_region	102	117	97	3.6	1.0	0.7	797	1	2	416	81	63
China_Lower_Yangtze	391	-10	-11	11.3	0.7	0.4	769	2	3	1075	-1	-9
North_East_China	38	-51	-50	-5.5	2.5	1.1	659	1	1	185	-39	-42
China_Qinghai_Tibet	177	12	10	2.0	0.3	0.3	1014	-0.4	-0.2	444	18	12
Southern_China	229	-1	0	15.6	-0.1	-0.2	933	0.0	1	513	-25	-29
South_West_China	154	21	4	9.9	0.3	0.3	884	0.4	2	528	12	-3
Taiwan	124	-43	-41	16.5	-0.3	-0.5	946	-4	-3	503	-32	-31
East_Asia	129	-30	-31	-1.5	1.3	0.6	669	1	0.2	366	-25	-28
Southern_Himalayas	159	6	-2	18.7	-0.4	-0.4	1050	-0.4	-0.2	517	16	5
Southern_Asia	96	8	-5	25.3	-0.4	-0.3	1163	-1	-0.3	336	18	2
Southern_Japan_and_Korea	334	-20	-16	6.9	0.2	0.0	750	1	1	1027	-2	-2
Mongolia_region	48	157	117	-7.2	1.2	0.4	702	1	1	214	105	77
S.Asia_Punjab_to_Gujarat	63	35	27	21.4	-1.1	-1.2	1083	-1	-1	279	42	40
SE_Asia_islands	931	-18	-15	25.4	0.0	-0.1	1034	4	3	1917	-13	-12
SE_Asia_mainland	142	-19	-12	25.8	-0.4	-0.3	1142	4	4	472	-20	-16
Eastern_Siberia	87	-32	-32	-9.7	2.0	1.1	465	-2	-2	312	7	3

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Eastern_Central_Asia	32	-27	-35	-11.7	3.2	2.0	573	0.0	1	163	-16	-24
North_Australia	749	-17	-12	26.3	0.1	0.0	1164	6	5	1614	-11	-4
Australia_Queensland_to_Victoria	209	-25	-7	21.1	0.7	0.6	1271	2	0.0	748	-12	3
Australia_Nullarbor_Darling	58	-24	-35	20.9	-0.2	0.3	1332	0.1	0.0	298	-12	-22
New_Zealand	151	-48	-47	14.2	-0.2	-0.1	1135	2	3	651	-33	-33
Boreal_Eurasia	184	10	2	-3.3	3.1	2.2	346	-2	-3	489	20	13
Ukraine_to_URAL_Mountains	138	-12	-16	-0.9	2.0	1.1	462	3	3	574	1	-5
Mediterranean_Europe_and_Turkey	202	-34	-26	9.0	1.2	1.3	713	0.4	-0.4	701	-25	-20
W.Europe(non_Mediterranean)	212	-6	-10	6.4	2.4	2.0	522	-1	-0.3	766	-4	-7
Boreal_north_America	260	28	24	-6.6	3.1	2.3	414	7	9	390	37	26
Ural to_Altai_Mountains	111	10	2	-7.9	0.8	-0.3	511	-1	-0.2	408	7	2

Note: Departures are expressed in relative terms (percentage) for all variables, except for temperature, for which absolute departure in degrees Celsius is given. Zero means no change from the average value; Relative departures are calculated as (C-R)/R*100, with C=current value and R=reference value, which is the five-year (5YA) or thirteen-year average (13YA) for the same period between January and April.

Table A.2. January to April 2014 agroclimatic indicators and biomass by country; current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Argentina	629	47	33	21.9	-0.7	-0.5	1219	-2	-1	1511	21	14
Australia	236	-24	-10	21.6	0.5	0.5	1273	2	0.3	707	-12	0
Bangladesh	140	-28	-32	22.8	-0.3	-0.2	1049	1	1	510	-1	-14
Brazil	824	-1	-3	25.7	0.0	0.2	1078	1	-2	1873	0	-1
Cambodia	199	5	13	27.2	-0.7	-0.6	1089	4	2	610	-10	-4
Canada	189	3	2	-8.6	-2.4	-2.2	534	-1	-2	332	-16	-16
China	196	-3	-6	7.6	0.9	0.5	814	1	2	481	1	-7
Egypt	58	6	-2	17.0	0.6	0.8	961	-0.2	0.3	212	26	26
Ethiopia	214	24	16	21.8	-0.3	0.3	1247	1	0.0	739	18	9
France	207	-11	-20	7.8	2.1	1.7	552	-4	-2	773	-3	-11
Germany	138	-24	-37	6.6	3.0	2.5	479	1	2	659	-17	-24
India	111	27	11	22.8	-0.6	-0.6	1119	-1	-1	369	40	21
Indonesia	993	-18	-17	25.6	0.0	0.0	1020	5	5	2068	-12	-11
Iran	247	40	26	7.4	-0.5	-0.1	897	1	0.5	721	13	11
Kazakhstan	112	7	2	-7.0	-0.2	-1.2	577	0.0	1	420	3	-3
Mexico	63	-21	-23	19.6	0.1	0.2	1157	-1	-0.3	228	-16	-22
Myanmar	57	-40	-40	23.7	-0.2	0.1	1143	3	3	224	-37	-37
Nigeria	209	39	55	29.1	-0.3	0.3	952	3	-2	529	30	40
Pakistan	163	-9	0.4	14.0	-0.9	-1.2	977	-0.5	-1	475	1	15
Philippines	748	11	37	24.9	-0.5	-0.6	1137	2	-1	1193	-14	-2
Poland	148	-8	-14	4.6	2.7	2.3	461	0.2	2	704	-2	-8
Romania	171	-18	-15	4.9	2.3	2.0	584	1	0.5	668	-11	-8
Russia	123	-7	-13	-4.9	1.8	0.7	483	2	3	442	2	-3
South Africa	308	-5	-5	19.9	0.0	0.0	1242	-1	-1	1006	-8	-7
Thailand	152	-30	-23	26.0	-0.5	-0.4	1164	6	6	528	-23	-20
Turkey	272	-18	-9	6.0	1.5	2.0	759	4	3	814	-10	-4
United Kingdom	388	59	47	6.5	1.5	1.1	401	-3	-1	1044	16	12
Ukraine	123	-28	-31	3.0	2.1	1.7	531	3	3	580	-16	-18
United States	280	1	-3	3.6	-1.6	-1.8	762	-1	-0.5	639	-6	-11
Uzbekistan	147	-27	-25	4.3	-2.1	-2.1	753	2	1	531	-18	-17
Vietnam	168	-6	0.3	21.9	-0.1	0.0	1032	3	1	520	-16	-13

See note table A.1.

Table A.3. Argentina, January to April 2014 agroclimatic indicators and biomass (by province); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Buenos_Aires	622	65	48	19.8	-0.8	-0.5	1180	-4	-3	1434	20	12
Chaco	758	61	43	25.2	-0.3	-0.1	1251	0.0	-1	1846	35	28
Cordoba	608	61	41	20.9	-1.1	-0.8	1206	-3	-2	1608	28	18
Corrientes	805	42	34	24.4	-0.4	-0.3	1234	-0.4	-1	1905	26	22
Entre_Rios	805	51	41	22.1	-1.0	-0.8	1229	-2	-2	1804	25	20
La_Pampa	450	40	23	20.3	-0.8	-0.4	1202	-3	-1	1300	23	12
Misiones	893	37	33	24.3	0.5	0.2	1192	-0.3	-0.1	2079	22	22
Santiago_Del_Estero	559	41	27	24.0	-0.9	-0.5	1250	0.2	-0.1	1541	21	16
San_Luis	437	37	15	19.9	-1.3	-0.9	1221	-1	0.2	1312	13	3
Salta	475	9	-6	23.3	-0.5	-0.3	1279	1	-1	1319	2	-6
Santa_Fe	667	35	25	22.6	-0.7	-0.5	1232	-2	-2	1754	22	19
Tucuman	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

See note table A.1.

Table A.4. Australia, January to April 2014 agroclimatic indicators and biomass (by state); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
New_South_Wales	216	-24	-6	21.5	0.8	0.6	1265	2	-1	798	-9	10
South_Australia	174	64	93	19.6	0.2	0.4	1300	1	0.3	693	51	76
Victoria	158	-26	-9	18.7	0.5	0.7	1242	1	0.4	705	-4	11
Western_Australia	107	-5	-12	21.5	-0.2	0.3	1319	0.1	0.0	352	-8	-17

See note table A.1.

Table A.5. Brazil, January to April 2014 agroclimatic indicators and biomass (by state); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Ceara	523	-12	-24	27.6	0.1	0.7	1112	1	0.3	1513	-1	-10
Goias	762	-8	-10	25.2	0.1	0.1	1077	0.0	-6	2019	0	0
Mato_Grosso_Do_Sul	662	-7	-3	26.0	0.0	-0.6	1118	0.0	-6	1896	3	5
Mato_Grosso	1117	9	10	26.2	-0.2	-0.4	1087	5	-3	2409	6	7
Minas_Gerais	376	-41	-43	24.8	0.8	1.1	1167	3	-1	1212	-24	-27
Parana	773	12	17	23.8	0.7	0.6	1162	0.2	-1	2083	18	18
Rio_Grande_Do_Sul	736	29	23	23.1	0.4	0.2	1182	-1	-1	1989	24	21
Santa_Catarina	902	22	30	21.7	0.5	0.5	1141	1	0.1	2118	15	15
Sao_Paulo	592	-27	-23	25.2	1.1	1.2	1116	4	-1	1785	-10	-5

See note table A.1.

Table A.6. Canada, January to April 2014 agroclimatic indicators and biomass (by province); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current	Departure (%)		Current	Departure (°C)		Current	Departure (%)		Current	Departure (%)	
	(mm)	5YA	13YA	(°C)	5YA	13YA	(MJ/m^2)	5YA	13YA	(gDM/m^2)	5YA	13YA
Alberta	89	-23	-18	-7.6	-1.6	-1.6	494	-2	-2	365	-9	-10
Manitoba	107	-4	6	-12.2	-4.3	-4.0	555	-1	-1	261	-30	-31
Saskatchewan	79	-23	-18	-10.5	-2.5	-2.6	542	0.0	-1	311	-15	-16

See note table A.1.

Table A.7. India, January to April 2014 agroclimatic indicators and biomass (by state); current value and departure from the 5YA and 13YA

	RAIN			TEMP			PAR			BIOMASS		
	Current	Departure (%)		Current	Departure (°C)		Current	Departure (%)		Current	Departure (%)	
	(mm)	5YA	13YA	(°C)	5YA	13YA	(MJ/m^2)	5YA	13YA	(gDM/m^2)	5YA	13YA
Arunachal_Pradesh	270	-51	-49	16.2	0.5	0.7	1032	2	1	928	-17	-24
Andhra_Pradesh	40	0	-34	27.0	-0.3	-0.4	1190	-2	-0.2	173	-6	-28
Assam	229	-35	-39	22.0	0.2	0.4	1031	0.1	-0.5	826	-4	-17
Bihar	93	90	38	22.7	-0.9	-0.9	1062	-2	-1	391	74	30
Chandigarh	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Chhattisgarh	104	68	39	24.0	-0.7	-0.6	1128	-3	-2	404	47	28
Daman_and_Diu	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Delhi	131	59	46	19.6	-1.4	-1.8	1027	-0.5	0.0	613	71	64
Dadra_and_Nagar_Haveli	2	-50	-59	25.3	-0.3	0.0	1203	-1	-1	11	-49	-58
Gujarat	8	84	67	24.9	-0.7	-0.5	1165	-1	-1	42	65	58
Goa	6	-26	-68	27.2	0.0	0.1	1271	-0.3	-0.3	38	-22	-55
Himachal_Pradesh	334	48	35	3.5	-1.1	-1.1	1006	-1	-0.3	651	4	1
Haryana	165	75	60	18.7	-1.3	-1.6	1022	-0.1	1	667	70	65
Jharkhand	86	37	11	22.6	-0.7	-0.6	1100	-2	-1	344	22	0
Kerala	279	19	9	27.0	0.3	0.4	1236	5	5	704	-6	-9
Karnataka	74	4	-9	25.9	0.0	0.0	1220	-0.2	0.2	296	11	1
Meghalaya	278	-40	-40	18.7	0.0	0.2	1033	-0.1	-1	902	22	0
Maharashtra	73	222	130	25.4	-0.7	-0.6	1175	-3	-3	319	174	121
Manipur	151	-53	-54	17.6	0.3	0.3	1030	-0.4	-2	607	-20	-25
Madhya_Pradesh	109	226	148	22.8	-1.1	-1.1	1105	-4	-4	408	168	119
Mizoram	140	-46	-45	20.1	-0.3	-0.3	1040	0.2	-1	481	-25	-29
Nagaland	171	-37	-45	18.0	0.6	0.8	1037	-1	-1	700	-9	-26
Orissa	88	21	1	24.7	-0.4	-0.2	1144	-1	0.1	380	23	3
Puducherry	53	-55	-59	27.4	0.3	0.4	1221	4	4	268	-41	-39
Punjab	153	21	11	17.7	-1.2	-1.4	989	0.2	1	634	26	23
Rajasthan	48	132	75	21.5	-1.3	-1.4	1089	-1	-1	198	84	52
Sikkim	269	55	43	6.5	0.2	0.1	1137	-1	-0.1	662	23	18
Tamil_Nadu	43	-57	-65	27.4	0.2	0.2	1230	2	3	164	-55	-61
Tripura	152	-35	-40	22.7	0.0	0.0	1010	1	-0.4	524	-16	-25
Uttarakhand	453	176	146	9.3	-0.2	-0.3	1044	-1	-0.2	907	73	60
Uttar_Pradesh	155	109	104	21.3	-1.1	-1.2	1045	-2	-2	592	93	85
West_Bengal	82	-21	-31	23.2	-0.4	-0.3	1084	-0.3	1	347	-13	-26

See note table A.1.

Table A.8. Kazakhstan, January to April 2014 agroclimatic indicators and biomass (by province); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Akmolinskaya	106	27	22	-9.2	-0.1	-1.2	541	-2	0.1	401	11	1
Karagandinskaya	97	10	7	-9.5	-0.8	-1.9	602	-0.2	2	362	-3	-10
Kustanayskaya	102	10	1	-8.2	0.3	-0.9	507	-3	-2	406	3	-6
Pavlodarskaya	77	22	8	-8.6	1.1	-0.3	534	1	3	372	16	6
Severo kazachstanskaya	113	29	21	-8.7	0.6	-0.4	485	-2	-1	408	10	4
Vostochno_kazachstanskaya	113	-4	-10	-9.3	0.8	-0.5	618	-0.3	1	367	7	0
Zapadno kazachstanskaya	114	0	-6	-5.1	-0.5	-1.8	552	4	5	518	3	-5

See note table A.1.

Table A.9. Russia, January to April 2014 agroclimatic indicators and biomass (by oblast); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current (mm)	Departure (%)		Current (°C)	Departure (°C)		Current (MJ/m^2)	Departure (%)		Current (gDM/m^2)	Departure (%)	
		5YA	13YA		5YA	13YA		5YA	13YA		5YA	13YA
Bashkortostan_Rep.	141	2	-8	-7.7	0.0	-1.1	455	-1	-2	402	-3	-8
Chelyabinskaya_Oblast	106	10	-3	-7.7	0.7	-0.5	464	-2	-2	402	5	-3
Gorodovikovsk	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Krasnodarskiy_Kray	140	-29	-32	-1.4	2.4	1.6	518	4	4	521	-2	-4
Kurganskaya_Oblast	110	20	15	-8.0	0.9	-0.3	440	-3	-3	410	5	0
Kirovskaya_Oblast	144	1	-10	-5.3	1.8	0.6	394	6	6	473	12	3
Kurskaya_Oblast	127	-16	-23	0.3	2.1	1.3	518	6	7	625	-3	-6
Lipetskaya_Oblast	113	-28	-32	-0.9	2.3	1.3	508	6	8	566	-3	-8
Mordoviya_Rep.	140	-5	-8	-3.1	2.2	0.9	470	5	6	565	15	4
Novosibirskaya_Oblast	96	6	-3	-9.1	1.6	0.5	448	0.0	-0.4	411	21	15
Nizhegorodskaya_Oblast	125	-13	-19	-2.7	2.6	1.4	442	6	8	519	7	-2
Orenburgskaya_Oblast	129	0	-9	-7.1	-0.3	-1.5	504	1	1	439	-3	-10
Omskaya_Oblast	128	41	31	-9.1	1.1	0.4	437	-2	-2	403	12	10
Permskaya_Oblast	163	12	6	-7.6	0.6	-0.4	389	2	0.0	398	0	-4
Penzenskaya_Oblast	140	-5	-11	-3.4	1.8	0.4	493	4	6	568	14	3
Rostovskaya_Oblast	151	-30	-30	1.8	0.8	0.1	570	6	6	668	-10	-11
Ryazanskaya_Oblast	117	-25	-29	-1.5	2.6	1.5	473	6	7	577	8	-1
Stavropolskiy_Kray	243	34	26	4.3	0.5	0.5	619	5	6	853	18	11
Sverdlovskaya_Oblast	126	17	13	-7.8	0.6	-0.4	397	-2	-3	400	0	-3
Samarskaya_Oblast	171	31	21	-5.5	0.6	-0.8	483	2	2	492	3	-6
Saratovskaya_Oblast	150	9	4	-3.8	0.8	-0.7	527	4	5	570	6	-2
Tambovskaya_Oblast	126	-15	-22	-1.8	2.0	0.8	506	6	8	613	10	2
Tyumenskaya_Oblast	121	27	23	-8.6	1.1	0.1	414	-2	-3	399	5	3
Tatarstan_Rep.	141	6	-1	-5.5	1.1	-0.2	448	4	4	480	6	-2
Ulyanovskaya_Oblast	196	49	40	-4.5	1.6	0.1	477	3	5	523	11	1
Udmurtiya_Rep.	150	6	-1	-6.5	0.8	-0.3	401	4	3	431	3	-3
Volgogradskaya_Oblast	155	4	0	-1.0	1.0	-0.3	549	4	5	657	5	0
Voronezhskaya_Oblast	126	-14	-22	-0.7	1.4	0.5	528	4	6	620	-1	-5

See note table A.1.

Table A.10. United States, January to April 2014 agroclimatic indicators and biomass (by state); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current	Departure (%)		Current	Departure (°C)		Current	Departure (%)		Current	Departure (%)	
	(mm)	5YA	13YA	(°C)	5YA	13YA	(MJ/m^2)	5YA	13YA	(gDM/m^2)	5YA	13YA
Arkansas	427	1	-8	7.8	-2.3	-2.4	815	0.3	0.2	1208	-6	-9
California	206	0	-11	9.3	1.9	1.7	828	3	3	587	-2	-9
Idaho	237	63	50	-0.6	0.9	0.9	667	0.0	-1	648	31	24
Indiana	326	-12	-13	0.8	-3.5	-3.4	723	2	1	783	-18	-18
Illinois	333	-1	-3	0.5	-3.7	-3.6	732	2	1	773	-17	-18
Iowa	284	22	16	-2.3	-3.3	-3.4	721	1	1	632	-14	-17
Kansas	113	-37	-44	3.6	-1.7	-1.8	825	1	0.4	437	-33	-39
Michigan	290	6	2	-4.7	-4.4	-4.2	622	-4	-3	479	-24	-26
Minnesota	247	64	53	-7.8	-4.1	-4.2	640	-1	-1	402	-20	-24
Missouri	334	-6	-8	3.5	-2.5	-2.6	768	2	1	905	-15	-15
Montana	136	44	36	-2.9	-0.9	-1.0	608	-4	-4	492	20	14
Nebraska	121	-13	-23	0.9	-1.1	-1.0	761	-1	-1	528	-9	-15
North Dakota	155	52	64	-7.2	-2.2	-2.7	623	-2	-2	413	4	1
Ohio	293	-11	-13	0.6	-3.0	-2.9	708	3	3	763	-17	-17
Oklahoma	150	-43	-47	7.4	-1.7	-1.8	860	1	1	555	-34	-38
Oregon	283	20	10	4.3	0.9	0.8	609	3	2	801	22	15
South Dakota	143	18	10	-2.1	-1.3	-1.5	687	-2	-2	531	2	-1
Texas	107	-47	-53	12.2	-1.4	-1.3	916	-1	0.4	374	-39	-47
Washington	226	-7	-9	2.9	0.1	-0.1	541	2	0.5	676	6	6
Wisconsin	313	35	26	-6.3	-4.8	-4.8	657	-1	-0.3	446	-28	-29

See note table A.1.

Table A.11. China, January to April 2014 agroclimatic indicators and biomass (by province); current value and departure from the 5YA and 13YA

	RAIN			TEMP			RADPAR			BIOMASS		
	Current	Departure (%)		Current	Departure (°C)		Current	Departure (%)		Current	Departure (%)	
	(mm)	5YA	13YA	(°C)	5YA	13YA	(MJ/m^2)	5YA	13YA	(gDM/m^2)	5YA	13YA
Anhui	335	14	6	9.9	1.0	0.6	752	2	3	1034	17	7
Chongqing	219	38	17	9.1	0.2	0.1	781	1	4	730	22	6
Fujian	403	-19	-18	12.1	0.1	-0.1	809	3	3	1063	-9	-15
Gansu	423	19	25	15.7	-0.1	-0.4	849	-1	0.0	868	-9	-11
Guangdong	108	155	139	2.2	0.5	0.4	833	0.3	1	384	110	91
Guangxi	274	-3	-3	14.7	0.1	-0.2	825	-1	0.2	615	-23	-30
Guizhou	212	29	15	10.4	0.4	0.2	872	0.1	2	642	11	-5
Hebei	41	-8	-10	3.7	2.7	1.7	759	0.4	1	214	-5	-6
Heilongjiang	143	49	26	8.4	1.2	0.8	755	1	3	583	43	25
Henan	33	-52	-54	-7.8	2.0	0.6	634	1	2	167	-41	-46
Hubei	268	10	-4	9.3	0.8	0.5	770	2	4	890	15	0
Hunan	340	-13	-19	11.0	0.7	0.4	761	2	3	996	-10	-19
Jiangsu	45	-49	-44	-3.7	2.8	1.5	681	1	1	215	-35	-34
Jiangxi	213	11	1	9.2	1.3	0.8	763	2	3	769	7	-2
Jilin	464	-19	-19	12.3	0.7	0.5	761	2	2	1254	-3	-10
Liaoning	49	-48	-42	0.6	3.1	2.0	716	1	1	246	-36	-31
Inner Mongolia	37	-6	-6	-4.8	3.0	1.8	697	-1	-1	188	1	-2
Ningxia	55	98	88	2.1	0.8	0.7	809	1	2	265	86	78
Shaanxi	130	49	28	9.1	0.2	0.3	899	-1	1	468	24	10
Shandong	77	8	3	7.4	2.3	1.6	751	1	2	337	0	-2
Shanxi	108	62	52	5.2	0.6	0.4	776	0.2	2	434	48	38
Sichuan	75	74	50	2.2	1.6	1.1	787	1	2	340	52	32
Yunnan	64	-34	-40	13.3	0.1	0.3	1089	1	2	265	-30	-37
Zhejiang	400	-22	-14	10.0	0.8	0.3	782	3	4	1193	0	-2

See note table A.1.