

World Irrigated Area – Developed Countries (2021)

S. No.	Country	Total Cultivated Area (arable land permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
1	Australia	47.307	2.15	4.5448	ICID-NC	2017
2	Austria	1.417	0.119	8.398	FAO	2013
3	Bahmas	0.012	0.001	8.3333	FAO	2012
4	Bahrain	0.0046	0.004	86.957	FAO	2001
5	Barbados	0.012	0.005	41.667	FAO	2005
6	Belgium	0.8393	0.019	2.2638	FAO	2013
7	Canada	50.656	1.053	2.0787	ICID-NC	2017
8	Chile	1.746	1.109	63.517	FAO	2007
9	Croatia	0.8908	0.025	2.8065	FAO	2014
10	Cyprus	0.1063	0.055	51.74	ICID-NC	2005
11	Czech Republic	3.219	0.153	4.753	FAO	2011
12	Denmark	2.436	0.439	18.021	ICID-NC	2013
13	Estonia	0.6543	0.003	0.4585	ICID-NC	2017
14	Finland	2.3	0.008	0.3478	ICID-NC	2020
15	France	19.328	2.6	13.452	ICID-NC	2017
16	Georgia	0.1098	0.052	47.382	ICID-NC	2020
17	Germany	12.074	0.639	5.2924	FAO	2010
18	Greece	3.725	1.517	40.725	ICID-NC	2013
19	Hungary	4.585	0.22	4.7983	ICID-NC	2008
20	Ireland	1.059	0.1	9.4429	ICID-NC	2010
21	Israel	0.3977	0.225	56.575	ICID-NC	2004
22	Italy	9.121	2.42	26.532	ICID-NC	2013
23	Japan	4.419	2.893	65.467	ICID-NC	2020
24	Korea, Republic of	1.620796	1.0183	62.825	ICID-NC	2020
25	Kuwait	0.0161	0.01	62.112	FAO	2006
26	Latvia	1.215	0.001	0.0823	ICID-NC	2013
27	Lithuania	2.384	0.004	0.1678	FAO	2011
28	Malta	0.01023	0.004	39.101	FAO	2013
29	Netherlands	1.081	0.486	44.958	FAO	2014
30	New Zealand	0.657	0.619	94.216	FAO	2007
31	Norway	0.8111	0.099	12.206	FAO	2013
32	Oman	0.0688	0.059	85.756	FAO	2004
33	Poland	11.304	0.075	0.6635	FAO	2013

S. No.	Country	Total Cultivated Area (arable land permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
34	Portugal	1.885	0.54	28.647	FAO	2014
35	Puerto Rico	0.111	0.022	19.82	FAO	2005
36	Qatar	0.0156	0.013	83.333	FAO	2004
37	Saudi Arabia	3.647	1.62	44.42	FAO	2014
38	Slovakia	1.413	0.099	7.0064	ICID-NC	2013
39	Slovenia	0.2373	0.007	2.9499	ICID-NC	2011
40	Spain	17.188	3.636	21.154	ICID-NC	2015
41	Sweden	2.597	0.155	5.9684	FAO	2013
42	Switzerland	0.4257	0.04	9.3963	ICID-NC	2007
43	UK	6.279	0.15	2.3889	ICID-NC	2017
44	United Arab Emirates	NA	0.092	NA	FAO	2010
45	Uruguay	2.45	0.238	9.7143	FAO	2011
46	USA	129.516	23.48	18.129	USDA	2017 & 2013

World Irrigated Area – Emerging / Developing Countries

S. No.	Country	Total Cultivated Area (arable land permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
1	Albania	0.7	0.337	48.4	FAO	2013
2	Algeria	8.4	1.23	14.6	FAO	2012
3	Angola	5.2	0.086	1.7	FAO	2005
4	Argentina	40.2	2.357	5.9	FAO	2010
5	Azerbaijan	2.2	1.43	66.2	ICID-NC	2013
6	Bangladesh	8.5	5.217	61.4	ICID-NC	2017
7	Belarus	5.8	0.03	0.5	FAO	2011
8	Belize	0.1	0.003	2.7	FAO	2005
9	Benin	3.2	0.023	0.7	FAO	2008
10	Bhutan	0.1	0.032	28.4	FAO	2010
11	Bolivia	4.7	0.297	6.3	FAO	2011
12	Bosnia and Herzegovina	1.1	0.003	0.3	FAO	2010
13	Botswana	0.4	0.001	0.2	FAO	2002
14	Brazil	86.6	5.8	6.7	ICID-NC	2013

S. No.	Country	Total Cultivated Area (arable land permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
15	Bulgaria	3.6	0.115	3.2	FAO	2013
16	Cambodia	4.0	0.354	9.0	FAO	2005
17	Cameroon	7.8	0.025	0.3	FAO	2000
18	China	122.5	65.87	53.8	ICID-NC	2017
19	Chinese Taipei	0.8	0.37	46.8	ICID-NC	2020
20	Colombia	3.5	1.087	30.6	ICID-NC	2011
21	Congo, Rep.	0.6	0.002	0.3	FAO	2011
22	Costa Rica	0.5	0.101	18.5	FAO	2013
23	Cuba	3.5	0.557	15.8	FAO	2012
24	Djibouti	0.0	0.001	50.0	FAO	2011
25	Dominican Republic	1.2	0.307	26.6	FAO	2009
26	Ecuador	2.5	1.5	60.5	FAO	2010
27	Egypt	3.7	3.65	97.5	ICID-NC	2017
28	El Salvador	1.0	0.045	4.7	FAO	2012
29	Fiji Island	0.3	0.004	1.6	FAO	2014
30	Gabon	0.5	0.004	0.8	FAO	2011
31	Georgia	0.6	0.432	70.0	FAO	2007
32	Ghana	7.4	0.03	0.4	FAO	2000
33	Guatemala	2.0	0.337	16.9	FAO	2012
34	Guyana	0.5	0.143	31.8	FAO	2012
35	Honduras	1.5	0.088	6.0	FAO	2009
36	India	169.4	62	36.6	ICID-NC	2010
37	Indonesia	46.0	6.722	14.6	FAO	2014
38	Iran	13.9	8.46	61.0	ICID-NC	2019
39	Iraq	7.0	3.55	50.7	ICID-NC	2020
40	Jamaica	0.2	0.03	14.0	FAO	2010
41	Jordan	0.3	0.083	25.8	FAO	2010
42	Kazakhstan	29.5	1.2	4.1	ICID-NC	2013
43	Kenya	6.3	0.15	2.4	FAO	2010
44	Kyrgyzstan	1.4	1.02	75.2	FAO	2011
45	Lao People DR	1.7	0.31	18.3	FAO	2005
46	Lebanon	0.3	0.104	40.3	FAO	1998

S. No.	Country	Total Cultivated Area (arable land permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
47	Libya	2.1	0.4	19.5	FAO	2008
48	Macedonia	0.5	0.128	28.3	FAO	2004
49	Malaysia	7.6	0.272	3.6	ICID-NC	2020
50	Mauritania	0.5	0.045	9.8	FAO	2011
51	Mauritius	0.1	0.021	26.6	FAO	2002
52	Mexico	25.7	6.5	25.3	FAO	2014
53	Moldova Repub-lic	2.1	0.228	10.8	FAO	2014
54	Mongolia	0.6	0.084	14.7	FAO	1993
55	Morocco	8.7	1.6	18.4	ICID-NC	2020
56	Myanmar	12.3	2.295	18.6	FAO	2014
57	Namibia	0.8	0.008	1.0	FAO	2002
58	Nicaragua	1.8	0.199	11.1	FAO	2011
59	Nigeria	40.5	0.293	0.7	FAO	2014
60	Pakistan	31.2	19.08	61.1	ICID-NC	2018
61	Panama	0.7	0.032	4.3	FAO	2009
62	Paraguay	4.9	0.136	2.8	FAO	2012
63	Peru	5.5	2.58	46.6	FAO	2012
64	Phillipines	10.9	1.52	13.9	ICID-NC	2008
65	Romania	9.2	3.149	34.2	FAO	2014
66	Russia	124.7	4.5	3.6	ICID-NC	2012
67	Serbia, Rep.of	2.8	0.092	3.3	FAO	2011
68	South Africa	12.9	1.6	12.4	ICID-NC	2017
69	Sri Lanka	2.3	0.595	25.9	ICID-NC	2017
70	St. Vincent	0.0	0.001	12.5	FAO	2011
71	Suriname	0.1	0.057	80.3	FAO	2011
72	Swaziland	0.2	0.049	25.8	FAO	2010
73	Syria	5.7	1.341	23.4	FAO	2010
74	Tajikistan	0.9	0.804	92.4	ICID-NC	2013
75	Thailand	23.880	5.56	23.29	ICID-NC	2020
76	Trinidad and Tobago	0.0	0.007	14.9	FAO	2004
77	Tunisia	5.2	0.486	9.3	FAO	2012
78	Turkey	23.9	6.65	27.8	ICID-NC	2020

S. No.	Country	Total Cultivated Area (arable land + permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
79	Turkmenistan	2.0	1.869	93.5	ICID-NC	2013
80	Ukraine	33.4	0.51	1.5	ICID-NC	2020
81	Uzbekistan	4.8	4.312	90.4	ICID-NC	2016
82	Venezuela	3.4	1.055	31.0	FAO	2008
83	Vietnam	10.2	4.585	44.8	FAO	2011
84	Yemen	1.5	0.68	44.0	FAO	2004
85	Zambia	3.8	0.156	4.1	ICID-NC	2017

World Irrigated Area – Least Developed Countries

S. No.	Country	Total Cultivated Area (arable land + permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
1	Afghanistan	7.9	3.208	40.6	FAO	2002
2	Burkina Faso	6.1	0.040	0.7	ICID-NC	2015
3	Burundi	1.6	0.023	1.5	ICID-NC	2011
4	Chad	4.9	0.030	0.6	FAO	2014
5	Congo, Dem Rep of	8.0	0.010	0.1	FAO	2011
6	Eritrea	0.7	0.021	3.0	FAO	2011
7	Ethiopia	16.3	0.539	3.3	ICID-NC	2005
8	Gambia	0.4	0.005	1.1	ICID-NC	2011
9	Guineabissau	0.6	0.025	4.5	FAO	2011
10	Haiti	1.4	0.097	7.2	FAO	2009
11	Korea, DP Rep.	2.6	0.806	31.2	FAO	2011
12	Lesotho	0.3	0.002	0.7	FAO	2011
13	Liberia	0.7	0.002	0.3	FAO	2011
14	Madagascar	4.1	1.086	26.4	FAO	2014
15	Malawi	3.9	0.074	1.9	FAO	2014
16	Mali	6.6	0.378	5.8	FAO	2014
17	Mozambique	6.0	0.118	2.0	FAO	2010
18	Nepal	2.6	1.510	57.2	ICID-NC	2021
19	Niger	16.0	0.100	0.6	FAO	2014
20	Rwanda	1.4	0.009	0.6	FAO	2011

S. No.	Country	Total Cultivated Area (arable land + permanent crops) (Mha)	Irrigated Area (Mha)	% irrigated area	Source	Year
21	Senegal	3.3	0.119	3.6	FAO	2011
22	Sierra Leone	1.7	0.030	1.7	FAO	1992
23	Somalia	1.1	0.200	17.8	ICID-NC	2017
24	Sudan	20.0	NA	NA	ICID-NC	2017
25	Tanzania	15.7	0.184	1.2	FAO	2014
26	Togo	2.8	0.007	0.2	FAO	2011
27	Uganda	9.1	0.014	0.2	FAO	2012
28	Zimbabwe	4.1	0.153	3.7	ICID-NC	2017

