

World Drained Area

Sl. No.	Country	Arable land and permanent crops (Mha)	Total drained area (Mha)	% drained area	Reference year
DEVELOPED COUNTRIES					
1	Australia	44.37	2.17	4.89	2002 ²
2	Austria	1.44	0.2	13.89	1997 ²
3	Belgium	0.87	0.07	8.05	1996 ²
4	Bulgaria	3.25	0.08	2.46	2000 ²
5	Canada	67.5	9.46	14.01	2002 ²
6	Cyprus	0.11	0.02	18.18	2000 ²
7	Czech Rep.	3.26	1.07	32.82	2011 ¹
8	Denmark	2.35	1.77	50.00	2012 ¹
9	Estonia	1.33	0.64	48.00	2013 ¹
10	Finland	2.26	2.5	110.62	2008 ¹
11	France	19.33	3.00	15.52	2011 ¹
12	Germany	12.13	4.9	40.40	1993 ²
13	Greece	3.23	0.52	16.10	2002 ²
14	Hungary	4.8	2.3	47.92	2003 ¹
15	Ireland ⁴	1.06	0.254	23.96	2010 ¹
16	Italy	13.2	5.3	40.15	2005 ¹
17	Japan	4.55	3.52	77.36	2012 ¹
18	Latvia	1.18	1.58	133.90	1995 ²
19	Lithuania ⁵	2.68	2.58	96.27	2011 ¹
20	Netherlands ⁶	1.09	3.0	275.23	2010 ¹
21	Norwegian	1.02	0.61	60	2012 ¹
22	Poland	12.97	4.21	32.46	1999 ²
23	Portugal	1.64	0.04	2.44	2002 ²
24	Romania	9.85	1.83	18.58	2008 ¹
25	Slovak Republic	1.41	0.6	42.55	1997 ²
26	Slovenia	0.2	0.08	40.00	2007 ¹
27	Spain	24.90	0.3	1.205	2014 ²
28	Sweden	2.64	1.1	41.67	1996 ²
29	Switzerland	0.43	0.16	37.21	2002 ²
30	UK	6.05	4.65	76.86	1996 ²
31	USA	173.2	47.5	27.42	1987 ²
	Sub-Total	424.3	106.014	24.98	
EMERGING/DEVELOPING COUNTRIES					
32	Albania	0.7	0.28	40.00	1999 ²
33	Algeria	8.42	0.06	0.71	1999 ²
34	Argentina	33.0	0.13	0.40	2002 ²
35	Azerbaijan	2.09	0.61	0.29	2013 ¹
36	Belarus	5.64	3.0	53.19	1993 ²
37	Bolivia	3.82	0.02	0.52	2000 ²
38	Brazil	66.9	1.08	1.61	2013 ¹
39	Chile	0.78	0.035	4.49	2006 ¹
40	China	130.03	21.14	16.26	2008 ¹
41	Chinese Taipei	0.80	0.13	16.25	2012 ¹
42	Colombia	3.46	0.23	6.65	1989 ²
43	Costa Rica	0.5	0.04	8.00	1999 ²
44	Croatia	0.95	0.76	80.00	1990 ²
45	Cuba	3.97	0.33	8.31	1997 ²
46	Dominican Rep.	1.30	0.03	2.31	2000 ²
47	Ecuador	2.50	0.05	2.0	1998 ²
48	Egypt*	3.54	3.36	85.31	2011 ³
49	El Salvador	0.92	0.01	1.09	1997 ²

50	Fiji	0.25	0.01	4.00	2000 ²
51	Georgia	0.58	0.16	27.59	1996 ²
52	Guyana	0.45	0.15	33.33	1991 ²
53	Honduras	1.43	0.06	4.20	1991 ²
54	India	169.32	5.8	3.43	1991 ²
55	Indonesia	37.10	3.35	9.03	1990 ²
56	Iran	14.8	0.28	1.89	2015 ¹
57	Iraq	5.45	1.54	28.26	2002 ²
58	Israel	0.38	0.1	26.32	1987 ²
59	Jordan	0.15	0.01	6.67	2008 ³
60	Kazakhstan	22.8	0.45	1.97	2013 ¹
61	Kenya	5.8	0.03	0.52	2003 ²
62	Korea Rep.	1.82	1.15	63.19	2007 ¹
63	Kyrgyz Rep.	1.35	0.20	14.81	2013 ¹
64	Lebanon	0.29	0.01	3.45	2001 ²
65	Libya	2.05	0.01	0.49	2000 ²
66	Malaysia	9.5	6.0	63.16	2009 ¹
67	Mexico	27.50	5.2	18.91	1997 ²
68	Mongolia	0.85	1.5	176.47	2000 ²
69	Morocco	8.98	0.65	7.24	2004 ²
70	Pakistan	30.40	7.86	25.85	2013 ¹
71	Paraguay	4.3	0.01	0.23	2000 ²
72	Peru	4.44	0.08	1.80	2000 ²
73	Philippines	9.16	2.72	29.69	2008 ¹
74	Puerto Rico	0.1	0.02	20.00	2000 ²
75	Russia	192.6	4.78	2.48	2007 ¹
76	Saudi Arabia	3.68	0.04	1.09	1992 ²
77	Serbia & Montenegro	3.72	0.4	10.75	2000 ²
78	South Africa	18.00	0.06	0.41	2011 ¹
79	Sri Lanka	2.20	0.03	1.36	1967 ²
80	Surinam	0.06	0.05	83.33	1998 ²
81	Syria	5.68	0.27	4.75	1993 ²
82	Tajikistan	0.87	0.33	37.93	2013 ¹
83	Thailand	18.85	0.16	0.85	1997 ²
84	Tunisia	5.04	0.2	3.97	2000 ²
85	Turkey	26.01	3.43	13.19	2012 ¹
86	Turkmenistan	1.92	1.1	57.29	2013 ¹
87	Ukraine	33.5	3.3	9.85	2013 ¹
88	Uzbekistan	4.7	3.3	70.21	2014 ¹
89	Venezuela	3.35	0.31	9.25	2002 ²
90	Vietnam	9.42	1.0	10.62	1994 ²
91	Zimbabwe	11.00	0.1	0.90	2011 ¹
	Sub-Total	969.17	87.505	9.03	
LEAST DEVELOPED COUNTRIES					
92	Afghanistan	7.91	0.01	0.13	2000 ²
93	Bangladesh	8.70	1.5	17.24	1993 ²
94	Ethiopia	14.51	0.03	0.21	1987 ²
95	Madagascar	3.55	0.11	3.10	2000 ²
96	Malawi	7.7	NA	-	2002 ¹
97	Myanmar	11.70	0.19	1.62	1994 ²
98	Nepal	2.47	0.09	3.64	2000 ²
99	Rwanda	1.57	0.09	5.73	2000 ²
100	Sudan	20.91	0.56	2.68	2000 ²
101	Yemen	1.61	1.5	93.17	2000 ²
	Sub-Total	80.63	4.08	5.06	

SUMMARY

Type of Country⁷

Sl. No.	Region	Arable land and permanent crops (million ha)	Total drained area (million ha)	% Drained area
1	Developed Countries	424.3	106.014	24.98
2	Emerging/ Developing Countries	969.17	87.505	9.03
3	Least Developed Countries	80.63	4.08	5.06
	Total (101 countries)	1474.1	197.6	13.40
	World	1552.98	202.9	13.06

Regionwise⁷

Sl. No.	Region	Arable land and permanent crops (million ha)	Total drained area (million ha)	% Drained area
1	Africa	112.06	5.82	5.19
2	Americas	399.48	64.80	16.22
3	Asia	589.37	72.14	12.24
4	Europe	373.19	54.84	14.69
	Total (101 countries)	1474.1	197.6	13.40
	World	1552.98	202.9	13.06

Notes:

- 1 ICID data (both for arable land and permanent crop (APC) and for drained areas)
- 2 CEMAGREF data (for drained area)
- 3 Monitoring and Evaluation Department (EPADP), Egypt, 2011
- 4 The total drained area in Ireland is 0.254 million ha, the total utilised agricultural area is 4.02 million ha. Apart from a very small area of Ireland that is irrigated on a commercial basis for crop production there are no major irrigation schemes in Ireland. Suggested figure for irrigated area in Ireland is 10,000 hectares. Source: Dr. Oliver Nicholson, Chairman, Irish National Committee on Irrigation and Drainage (IRCID), 28 June 2010
- 5 Statistics referred as "arable land" in Lithuanian registry as per 01.01.2010. The drained area slightly decreased as some of the area excluded from registry since that area has been completely depreciated and drainage no more functioning. Source: Prof. dr. Antanas Maziliauskas, President of Lithuanian National Committee (LICID), 26 June 2010.
- 6 The fact that the drained area is more than the APC area is a matter of definition. In the Netherlands' case the drained area includes areas with other functions such as drainage of meadows and urban areas. Source: Dr. Pol (A.L.) Hakstege, Secretary/Treasurer, Netherlands National Committee (NETHCID), 2 July 2010.
- 7 Country Classification – World Economic Situation and Prospects (WESP), United Nations, 2012