

World on the Edge - Natural Systems Data - Freshwater

[World Irrigated Area and Irrigated Area Per Thousand People, 1950-2008](#)

GRAPH: World Irrigated Area, 1950-2008

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[Irrigated Area in the United States by State and Country Total, 1964-2007](#)

[Countries Overpumping Aquifers in 2010](#)

A full listing of data for the entire book is on-line at:

http://www.earth-policy.org/books/wote/wote_data

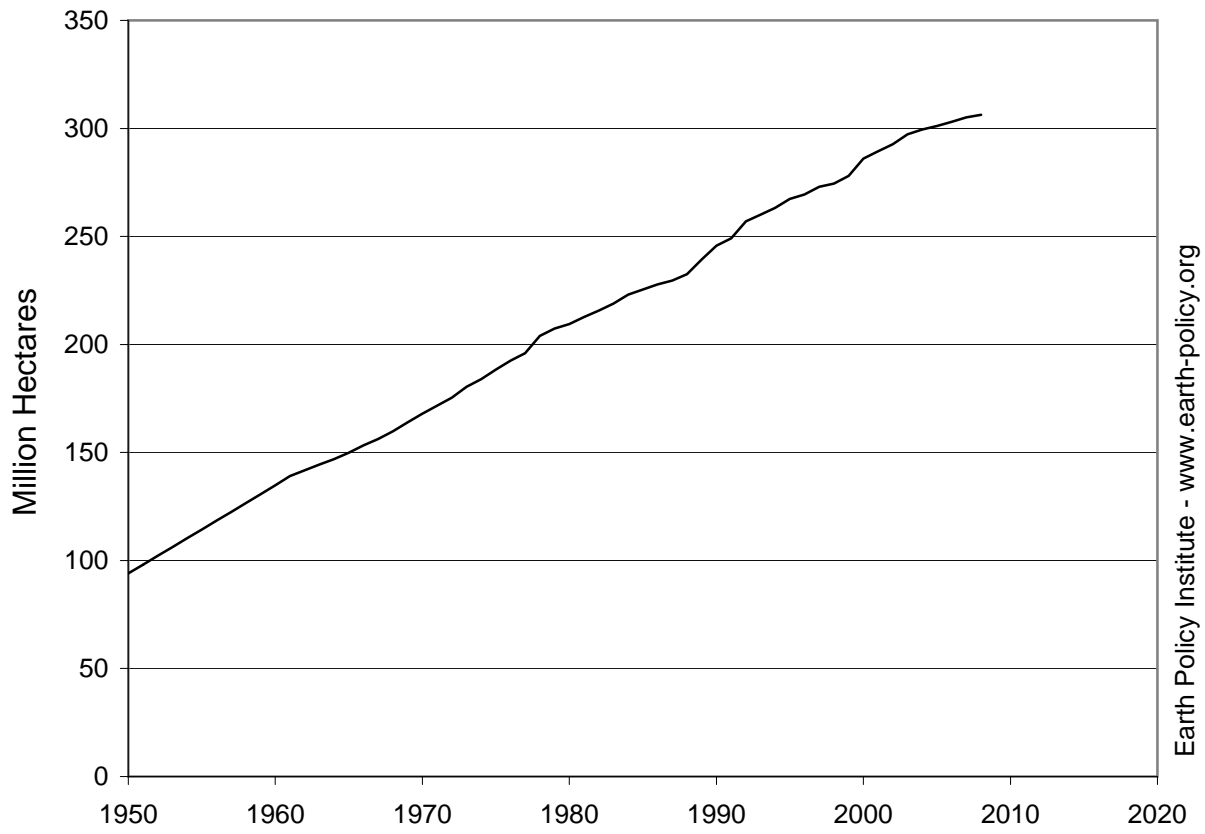
This is part of a supporting dataset for Lester R. Brown, **World On the Edge: How to Prevent Environmental and Economic Collapse** (New York: W.W. Norton & Company, 2010). For more information and a free download of the book, see Earth Policy Institute on-line at www.earth-policy.org.

World Irrigated Area and Irrigated Area Per Thousand People, 1950-2008

Year	Irrigated Area	Irrigated Area per Thousand People
	Million Hectares	Hectares
1950	94	37.2
1951	98	38.1
1952	102	39.0
1953	106	39.8
1954	110	40.6
1955	114	41.4
1956	118	42.1
1957	123	42.8
1958	127	43.4
1959	131	44.0
1960	135	44.6
1961	139	45.1
1962	142	45.1
1963	144	45.1
1964	147	45.0
1965	150	45.0
1966	153	45.1
1967	156	45.1
1968	160	45.1
1969	164	45.4
1970	168	45.6
1971	172	45.7
1972	175	45.7
1973	180	46.1
1974	184	46.1
1975	188	46.4
1976	193	46.6
1977	196	46.5
1978	204	47.6
1979	207	47.6
1980	210	47.2
1981	213	47.1
1982	216	46.9
1983	219	46.8
1984	223	46.8
1985	225	46.5
1986	228	46.2
1987	230	45.7
1988	232	45.5
1989	239	46.0
1990	246	46.4
1991	249	46.3
1992	257	47.0
1993	260	46.9
1994	263	46.8
1995	267	46.8
1996	269	46.5
1997	273	46.5
1998	274	46.1
1999	278	46.1
2000	286	46.8
2001	289	46.7
2002	293	46.7
2003	297	46.8
2004	300	46.6
2005	301	46.2
2006	303	46.0
2007	305	45.7
2008	306	45.4

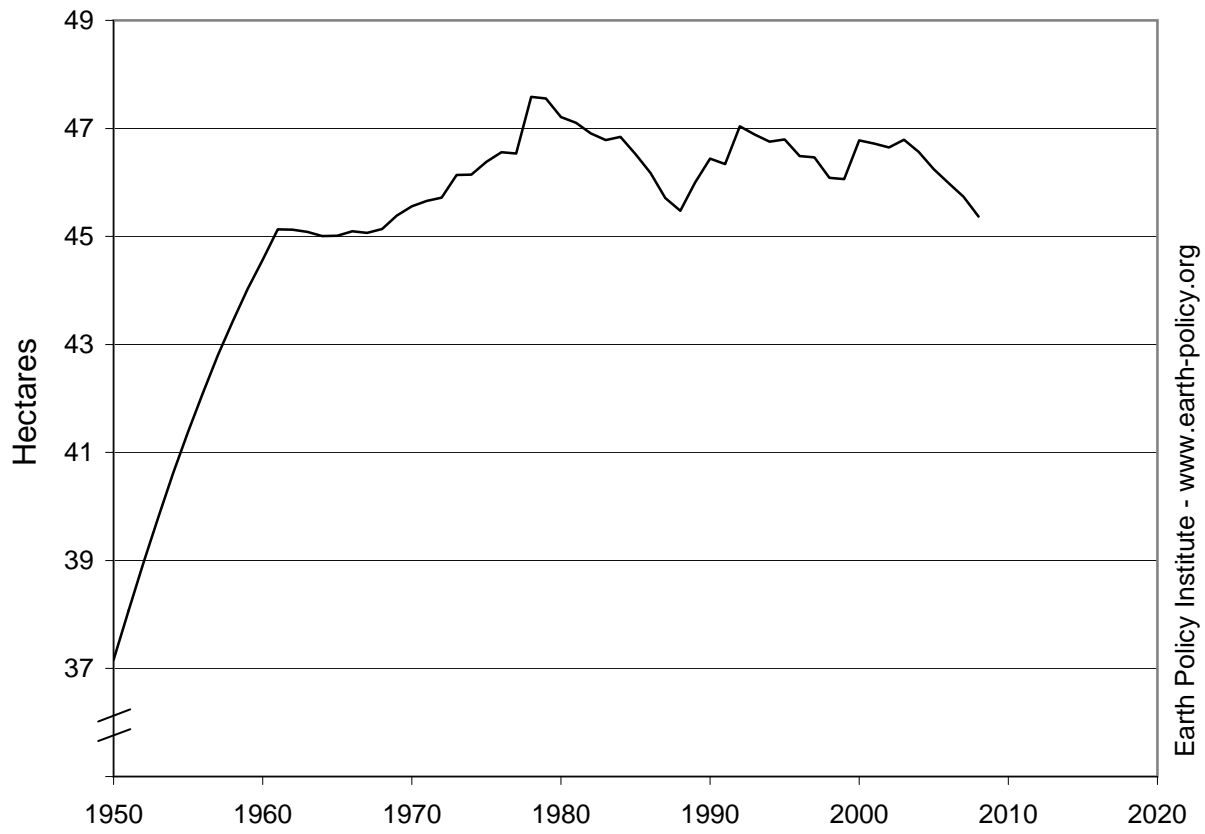
Source: 1950-60 data compiled by Lester R. Brown for "Eradicating Hunger: A Growing Challenge," in Worldwatch Institute, *State of the World 2001* (New York: W.W. Norton and Company, 2001), pp. 52-53; 1961-2008 data from U.N. Food and Agriculture Organization, *ResourceSTAT*, electronic database at <http://faostat.fao.org/site/405/default.aspx>, updated September 2010; population from U.N. Population Division, *World Population Prospects: The 2008 Revision Population Database*, at esa.un.org/unpp, updated 11 March 2009.

World Irrigated Area, 1950-2008



Source: Worldwatch; FAO

World Irrigated Area Per Thousand People, 1950-2008



Source: Worldwatch; FAO; UNPop

Irrigated Area in the United States by State and Country Total, 1964-2007

State	1964	1969	1974	1978	1982	1987	1992	1997	2002	2007
Thousand Acres										
Arizona	1,125	1,178	1,153	1,196	1,098	914	956	1,075	932	876
Arkansas	974	1,010	949	1,683	2,023	2,406	2,702	3,785	4,150	4,461
California	7,599	7,240	7,749	8,506	8,461	7,546	7,571	8,887	8,709	8,016
Colorado	2,690	2,895	2,874	3,431	3,201	3,014	3,170	3,374	2,591	2,868
Florida	1,217	1,365	1,559	1,980	1,585	1,623	1,783	1,874	1,815	1,552
Idaho	2,802	2,761	2,859	3,475	3,450	3,219	3,260	3,544	3,289	3,300
Kansas	1,004	1,522	2,010	2,686	2,675	2,463	2,680	2,696	2,678	2,763
Minnesota	18	36	78	272	315	354	370	403	455	506
Montana	1,893	1,841	1,759	2,070	2,023	1,997	1,978	2,102	1,976	2,013
Nebraska	2,169	2,857	3,967	5,683	6,039	5,682	6,312	7,066	7,625	8,559
Nevada	825	753	778	881	830	779	556	764	747	691
New Mexico	813	823	867	891	807	718	738	852	845	830
North Dakota	51	63	71	141	163	168	187	183	203	236
Oklahoma	302	524	515	602	492	478	512	509	518	535
Oregon	1,608	1,519	1,561	1,881	1,808	1,648	1,622	1,963	1,908	1,845
South Dakota	130	148	152	335	376	362	371	367	401	374
Texas	6,385	6,888	6,594	6,947	5,576	4,271	4,912	5,764	5,075	5,010
Utah	1,092	1,025	970	1,169	1,082	1,161	1,143	1,218	1,091	1,134
Washington	1,150	1,224	1,309	1,639	1,638	1,519	1,641	1,787	1,823	1,736
Wyoming	1,571	1,523	1,460	1,662	1,565	1,518	1,465	1,750	1,542	1,551
Other	1,639	1,927	2,009	3,220	3,795	4,546	5,475	6,326	6,938	7,743
U.S. Total	37,057	39,122	41,243	50,350	49,002	46,386	49,404	56,289	55,311	56,599

Note: One acre equals 0.4 hectares.

Source: Compiled by Earth Policy Institute, with data for 1964-1982 from "Table 1 - Irrigated Farms in the Censuses of Agriculture: 1964 Through 1987," *1987 Census of Agriculture: Farm and Ranch Irrigation Survey (1988)* (Washington, DC: U.S. Department of Agriculture (USDA), 1989), p. 1; 1992-2007 from "Table 1 - Irrigated Farms in the Censuses of Agriculture: 2007 and Earlier Censuses," in *2007 Census of Agriculture: Farm and Ranch Irrigation Survey (2008)* (Washington, DC: USDA, November 2009), pp. 3-4.

Countries Overpumping Aquifers in 2010

Country	Population Million
Afghanistan	29
China	1,354
India	1,214
Iran	75
Iraq	31
Israel	7
Jordan	6
Lebanon	4
Mexico	111
Morocco	32
Pakistan	185
Saudi Arabia	26
South Korea	49
Spain	45
Syria	23
Tunisia	10
United States	318
Yemen	24
Total	3,545

Source: Compiled by Earth Policy Institute with population data from U.N. Population Division, *World Population Prospects: The 2008 Revision Population Database*, electronic database, at esa.un.org/unpp, updated 11 March 2009.

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