



UNITED STATES OF AMERICA - NORTHWEST

(Alaska, Colorado, Idaho, Kansas, Montana, Nebraska, North Dakota, Oregon, South Dakota, Washington, Wyoming)

Irrigated crop calendar

2008

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Wheat	874	9	9	9	9	9						9	9
Barley	277	3	3	3	3							3	3
Maize	3 136				31	31	31	31	31				
Sorghum	52				0.5	0.5	0.5	0.5	0.5				
Other cereals	54				0.5	0.5	0.5	0.5	0.5				
Vegetables	500				5	5	5	5	5				
Fruits	141	1	1	1	1	1	1	1	1	1	1	1	1
Soybeans	1 122				11	11	11	11	11				
Sunflower	247				2	2	2	2	2				
Potatoes	291				3	3	3	3	3				
Pulses	125				1	1	1	1	1				
Sugar beets	130			1	1	1	1	1	1				
Fodder temporary	2 544	26	26	26								26	26
Pasture permanent	874	9	9	9	9	9	9	9	9	9	9	9	9
Cotton	4				0.04	0.04	0.04	0.04	0.04	0.04	0.04		
Harvested irrigated crop area [AHI_{full}]	10 372												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	9 959	47	47	49	79	76	67	67	67	10	10	47	47
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	104												
Area equipped for full control irrigation [AEI_{full}]	11 604	*											
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	86												
Total area equipped for irrigation [AEI_{tot}]	11 604	* These areas refer to the year 2007											



UNITED STATES OF AMERICA - NORTHEAST

(Connecticut, Delaware, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, Wisconsin)

Irrigated crop calendar

2008

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Wheat	37	2	2	2	2	2						2	2
Rice	58				4	4	4	4	4				
Maize	642				39	39	39	39	39				
Other cereals	5	0.3	0.3	0.3	0.3							0.3	0.3
Vegetables	266				16	16	16	16	16				
Fruits	45	3	3	3	3	3	3	3	3	3	3	3	3
Soybeans	411				25	25	25	25	25				
Sunflower	31				2	2	2	2	2				
Groundnuts	0				0.03	0.03	0.03	0.03	0.03				
Potatoes	64				4	4	4	4	4				
Pulses	19				1	1	1	1	1				
Sugar beets	2			0.1	0.1	0.1	0.1	0.1	0.1				
Fodder temporary	130	8	8	8								8	8
Pasture permanent	4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Cotton	82				5	5	5	5	5	5	5		
Tobacco	5				0.3	0.3	0.3	0.3	0.3				
Harvested irrigated crop area [AHI_{full}]	1 802												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	1 664	13	13	13	100	100	98	98	98	8	8	13	13
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	108												
Area equipped for full control irrigation [AEI_{full}]	1 579	*											
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	105												
Total area equipped for irrigation [AEI_{tot}]	1 579	* These areas refer to the year 2007											



UNITED STATES OF AMERICA - SOUTHEAST

(Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas)

Irrigated crop calendar

2008

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Wheat	438	7	7	7	7	7						7	7
Rice	851				14	14	14	14	14				
Maize	915				15	15	15	15	15				
Sorghum	345				6	6	6	6	6				
Other cereals	17				0.3	0.3	0.3	0.3	0.3				
Vegetables	199				3	3	3	3	3				
Fruits	307	5	5	5	5	5	5	5	5	5	5	5	5
Soybeans	1 317				21	21	21	21	21				
Groundnuts	216				3	3	3	3	3				
Potatoes	13				0.2	0.2	0.2	0.2	0.2				
Pulses	9				0.1	0.1	0.1	0.1	0.1				
Sugarcane	185	3	3	3	3	3	3	3	3	3	3	3	3
Fodder temporary	281	5	5	5								5	5
Pasture permanent	206	3	3	3	3	3	3	3	3	3	3	3	3
Cotton	1 001				16	16	16	16	16	16	16		
Tobacco	5				0.1	0.1	0.1	0.1	0.1				
Harvested irrigated crop area [AHI_{full}]	6 305												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	6 203	23	23	23	97	97	90	90	90	27	27	23	23
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	102	* These areas refer to the year 2007											
Area equipped for full control irrigation [AEI_{full}]	8 187												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	76												
Total area equipped for irrigation [AEI_{tot}]	8 187												



UNITED STATES OF AMERICA - SOUTHWEST

(Arizona, California, Hawaii, Nevada, New Mexico, Utah)

Irrigated crop calendar

2008

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Wheat	312	7	7	7	7	7						7	7
Rice	175				4	4	4	4	4				
Barley	28	1	1	1	1							1	1
Maize	67				2	2	2	2	2				
Sorghum	22				1	1	1	1	1				
Other cereals	67				2	2	2	2	2				
Vegetables	629				14	14	14	14	14				
Fruits	1 106	25	25	25	25	25	25	25	25	25	25	25	25
Rapeseed	139				3	3	3	3	3				
Potatoes	19				0.4	0.4	0.4	0.4	0.4				
Pulses	22				0.5	0.5	0.5	0.5	0.5				
Sugar beets	23				1	1	1	1	1				
Fodder temporary	1 635	37	37	37								37	37
Pasture permanent	376	9	9	9	9	9	9	9	9	9	9	9	9
Cotton	178				4	4	4	4	4	4	4		
Harvested irrigated crop area [AHI_{full}]	4 796												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	4 403	79	79	79	72	71	64	64	64	38	38	79	79
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	109	* These areas refer to the year 2007											
Area equipped for full control irrigation [AEI_{full}]	5 273												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	83												
Total area equipped for irrigation [AEI_{tot}]	5 273												



USA - TOTAL	2008 1000 ha
Harvested irrigated crop area [AHI_{full}]	23 275
Area equipped for full control irrigation actually irrigated [AAI_{full}]	22 229
Cropping intensity (%) = $100 \times [AHI_{full}]/[AAI_{full}]$	105
Area equipped for full control irrigation [AEI_{full}]	26 644
% of full control equipped actually irrigated = $100 \times [AAI_{full}]/[AEI_{full}]$	83

This area refers to the year 2007

Narrative United States of America

Given the size of the country and the different climatic zones, the whole country was split into four areas: northwest (Alaska, Colorado, Idaho, Kansas, Montana, Nebraska, North Dakota, Oregon, South Dakota, Washington, Wyoming), northeast (Connecticut, Delaware, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, Wisconsin), southeast (Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas) and southwest (Arizona, California, Hawaii, Nevada, New Mexico, Utah). At national level, AEI_{tot} and AEI_{full} are 26 644 000 ha in 2007 (sum obtained by adding irrigated cultivated and non-cultivated lands from 2007 National Resources Inventory [USDA, 2009a] and the 'pasturelands' from the 2007 agricultural census [USDA, 2009b]). AAI_{full} (22 229 000 ha) comes from the 2008 farm and ranch irrigation survey (NASS, 2010). AHI_{full} in 2008 is 23 276 000 (NASS, 2010) resulting in a cropping intensity of 105 percent.

References

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