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## All Orange Production Down 1 Percent From January

**The U.S. all orange** forecast for the 2007-08 season is 9.92 million tons, down 1 percent from the January 1 forecast but 31 percent higher than the 2006-07 final utilization of 7.59 million tons. Florida's all orange forecast, at 166 million boxes (7.47 million tons), is down 1 percent from the previous forecast but 29 percent higher than last season's final utilization of 129 million boxes. Early, midseason, and navel varieties in Florida are forecast at 81.0 million boxes (3.65 million tons), unchanged from January 1 but 23 percent above last season. Harvest for the early and midseason varieties peaked in the third and fourth weeks of January. Florida's Valencia forecast, at 85.0 million boxes (3.83 million tons), is 2 percent lower than the last forecast but 34 percent higher than 2006-07. Average fruit sizes for Valencia oranges are very small and are expected to be smaller at harvest than the minimum of the last eight non-hurricane seasons. Florida citrus regions experienced relatively warm weather during January, with average rainfall in the north and less than average rainfall in the central and southern areas.

**Florida frozen concentrated orange juice (FCOJ)** yield forecast for the 2007-08 season is 1.62 gallons per box at 42.0 degrees Brix, up from 1.60 last month, but 2 percent lower than last season's final yield. The early-mid portion remains at 1.53 gallons per box, 2 percent below last season's final of 1.56 gallons per box. The Valencia portion increased to 1.70 gallons per box, 4 percent lower than last season's final of 1.77 gallons per box. All yield projections include the assumption that the processing relationships this season will be similar to those of the past several seasons.

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This report was approved on February 8, 2008.



Acting Secretary of  
Agriculture  
Charles F. Conner



Agricultural Statistics Board  
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Carol C. House

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**Sugarcane: Area Harvested, Yield, and Production  
by Use, State, and United States, 2006-2007**

Use and State	Area Harvested		Yield <sup>1</sup>		Production <sup>1</sup>	
	2006	2007	2006	2007	2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
For Sugar						
FL	382.0	378.0	35.8	36.9	13,676	13,948
HI <sup>2</sup>	20.4	20.2	79.1	84.5	1,614	1,707
LA <sup>2</sup>	405.0	390.0	27.3	30.0	11,057	11,700
TX <sup>2</sup>	39.2	43.5	41.2	41.0	1,615	1,784
US	846.6	831.7	33.0	35.0	27,962	29,139
For Seed						
FL	18.0	18.0	37.2	39.4	670	709
HI <sup>2</sup>	1.6	2.3	32.0	30.7	51	71
LA <sup>2</sup>	30.0	30.0	27.3	30.0	819	900
TX <sup>2</sup>	1.5	1.5	41.0	37.0	62	56
US	51.1	51.8	31.4	33.5	1,602	1,736
For Sugar and Seed						
FL	400.0	396.0	35.9	37.0	14,346	14,657
HI <sup>2</sup>	22.0	22.5	75.7	79.0	1,665	1,778
LA <sup>2</sup>	435.0	420.0	27.3	30.0	11,876	12,600
TX <sup>2</sup>	40.7	45.0	41.2	40.9	1,677	1,840
US	897.7	883.5	32.9	34.9	29,564	30,875

<sup>1</sup> Net tons.

<sup>2</sup> Estimates are carried forward from the "Crop Production 2007 Summary."

**Papayas: Area and Fresh Production, by Month, Hawaii, 2006-2007**

Month	Area				Fresh Production <sup>1</sup>	
	Total in Crop		Harvested		2006	2007
	2006	2007	2006	2007		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Nov	2,140	2,100	1,315	1,365	2,605	3,075
Dec	2,350	2,050	1,135	1,255	2,300	2,805

<sup>1</sup> Utilized fresh production.

**Citrus Fruits: Utilized Production by Crop, State, and United States,  
2005-06, 2006-07 and Forecasted February 1, 2008 <sup>1</sup>**

Crop and State	Utilized Production Boxes			Utilized Production Ton Equivalent		
	2005-06	2006-07	2007-08	2005-06	2006-07	2007-08
	<i>1,000 Boxes <sup>2</sup></i>	<i>1,000 Boxes <sup>2</sup></i>	<i>1,000 Boxes <sup>2</sup></i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
Oranges						
Early, Mid & Navel <sup>3</sup>						
AZ <sup>4</sup>	250	200	250	9	8	9
CA <sup>4</sup>	47,000	34,000	48,000	1,763	1,275	1,800
FL <sup>5</sup>	75,000	65,600	81,000	3,375	2,952	3,645
TX <sup>4</sup>	1,400	1,600	1,400	60	68	60
US	123,650	101,400	130,650	5,207	4,303	5,514
Valencia						
AZ <sup>4</sup>	200	100	100	8	4	4
CA <sup>4</sup>	14,000	11,000	15,000	525	413	563
FL	72,700	63,400	85,000	3,272	2,853	3,825
TX <sup>4</sup>	200	380	385	9	16	16
US	87,100	74,880	100,485	3,814	3,286	4,408
All						
AZ <sup>4</sup>	450	300	350	17	12	13
CA <sup>4</sup>	61,000	45,000	63,000	2,288	1,688	2,363
FL	147,700	129,000	166,000	6,647	5,805	7,470
TX <sup>4</sup>	1,600	1,980	1,785	69	84	76
US	210,750	176,280	231,135	9,021	7,589	9,922
Temples <sup>5</sup>						
FL	700			32		
Grapefruit						
White						
FL	6,500	9,300	7,500	276	395	319
Colored						
FL	12,800	17,900	17,000	544	761	723
All						
AZ <sup>4</sup>	100	100	150	3	3	5
CA <sup>4</sup>	6,000	4,000	5,000	201	134	168
FL	19,300	27,200	24,500	820	1,156	1,042
TX <sup>4</sup>	5,200	7,100	6,600	208	284	264
US	30,600	38,400	36,250	1,232	1,577	1,479
Tangerines						
AZ <sup>4 6</sup>	550	300	400	21	11	15
CA <sup>4 6</sup>	3,600	2,900	5,100	135	109	191
FL	5,500	4,600	4,800	261	219	228
US	9,650	7,800	10,300	417	339	434
Lemons <sup>4</sup>						
AZ	3,800	2,500	1,500	144	95	57
CA	22,000	16,000	17,000	836	608	646
US	25,800	18,500	18,500	980	703	703
Tangelos						
FL	1,400	1,250	1,300	63	56	59

<sup>1</sup> The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year.

<sup>2</sup> Net lbs. per box: oranges-AZ & CA-75, FL-90, TX-85; grapefruit-AZ & CA-67, FL-85, TX-80; lemons-76; tangelos-90; Temples-90; tangerines-AZ & CA-75, FL-95.

<sup>3</sup> Navel and miscellaneous varieties in AZ and CA. Early (including navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX.

<sup>4</sup> Estimates for current year carried forward from previous forecast.

<sup>5</sup> Temples included in early and midseason orange varieties beginning with 2006-07 season.

<sup>6</sup> Includes tangelos and tangors.

**Crop Summary: Area Planted and Harvested, United States, 2007-2008**  
(Domestic Units) <sup>1</sup>

Crop	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	4,020.0		3,508.0	
Corn for Grain <sup>2</sup>	93,600.0		86,542.0	
Corn for Silage			6,071.0	
Hay, All			61,625.0	
Alfalfa			21,670.0	
All Other			39,955.0	
Oats	3,760.0		1,505.0	
Proso Millet	570.0		515.0	
Rice	2,761.0		2,748.0	
Rye	1,376.0		289.0	
Sorghum for Grain <sup>2</sup>	7,718.0		6,805.0	
Sorghum for Silage			399.0	
Wheat, All	60,433.0		51,011.0	
Winter	44,987.0	46,610.0	35,952.0	
Durum	2,149.0		2,112.0	
Other Spring	13,297.0		12,947.0	
Oilseeds				
Canola	1,183.0		1,163.0	
Cottonseed <sup>3</sup>				
Flaxseed	354.0		349.0	
Mustard Seed	56.0		52.8	
Peanuts	1,230.0		1,195.0	
Rapeseed	1.5		1.0	
Safflower	180.0		172.0	
Soybeans for Beans	63,631.0		62,820.0	
Sunflower	2,068.0		2,009.5	
Cotton, Tobacco & Sugar Crops				
Cotton, All	10,830.3		10,492.2	
Upland	10,538.0		10,204.0	
Amer-Pima	292.3		288.2	
Sugarbeets	1,269.8		1,246.9	
Sugarcane			883.5	
Tobacco			356.0	
Dry Beans, Peas & Lentils				
Austrian Winter Peas	29.0		11.0	
Dry Edible Beans	1,526.9		1,478.7	
Dry Edible Peas	847.5		811.3	
Lentils	303.0		295.0	
Wrinkled Seed Peas <sup>3</sup>				
Potatoes & Misc.				
Coffee (HI)			6.4	
Ginger Root (HI)			0.1	
Hops			30.9	
Peppermint Oil			73.3	
Potatoes, All	1,148.8		1,129.0	
Winter	11.5	11.0	11.5	11.0
Spring	73.0		70.4	
Summer	53.7		50.4	
Fall	1,010.6		996.7	
Spearmint Oil			19.6	
Sweet Potatoes	100.6		97.5	
Taro (HI) <sup>4</sup>			0.4	

<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year.

<sup>2</sup> Area planted for all purposes.

<sup>3</sup> Acreage is not estimated.

<sup>4</sup> Area is total acres in crop, not harvested acreage.

**Crop Summary: Yield and Production, United States, 2007-2008**  
(Domestic Units) <sup>1</sup>

Crop	Units	Yield		Production	
		2007	2008	2007	2008
				<i>1,000</i>	<i>1,000</i>
Grains & Hay					
Barley	Bu	60.4		211,825	
Corn for Grain	"	151.1		13,073,893	
Corn for Silage	Tons	17.5		106,328	
Hay, All	"	2.44		150,304	
Alfalfa	"	3.35		72,575	
All Other	"	1.95		77,729	
Oats	Bu	60.9		91,599	
Proso Millet	"	32.3		16,615	
Rice <sup>2</sup>	Cwt	7,185		197,456	
Rye	Bu	27.4		7,914	
Sorghum for Grain	"	74.2		504,993	
Sorghum for Silage	Tons	15.6		6,206	
Wheat, All	Bu	40.5		2,066,722	
Winter	"	42.2		1,515,989	
Durum	"	33.9		71,686	
Other Spring	"	37.0		479,047	
Oilseeds					
Canola	Lbs	1,250		1,453,830	
Cottonseed <sup>3</sup>	Tons			6,596.0	
Flaxseed	Bu	16.9		5,904	
Mustard Seed	Lbs	603		31,826	
Peanuts	"	3,130		3,740,650	
Rapeseed	"	1,300		1,300	
Safflower	"	1,215		208,995	
Soybeans for Beans	Bu	41.2		2,585,207	
Sunflower	Lbs	1,437		2,888,555	
Cotton, Tobacco & Sugar Crops					
Cotton, All <sup>2</sup>	Bales	871		19,033.0	
Upland <sup>2</sup>	"	857		18,208.0	
Amer-Pima <sup>2</sup>	"	1,374		825.0	
Sugarbeets	Tons	25.6		31,912	
Sugarcane	"	34.9		30,875	
Tobacco	Lbs	2,187		778,624	
Dry Beans, Peas & Lentils					
Austrian Winter Peas <sup>2</sup>	Cwt	1,155		127	
Dry Edible Beans <sup>2</sup>	"	1,716		25,371	
Dry Edible Peas <sup>2</sup>	"	1,960		15,903	
Lentils <sup>2</sup>	"	1,155		3,408	
Wrinkled Seed Peas <sup>3</sup>	"			541	
Potatoes & Misc.					
Coffee (HI)	Lbs	1,170		7,500	
Ginger Root (HI)	"	35,000		2,800	
Hops	"	1,949		60,253.1	
Peppermint Oil	"	93		6,794	
Potatoes, All	Cwt	398		449,156	
Winter	"	215	250	2,473	2,750
Spring	"	294		20,694	
Summer	"	335		16,907	
Fall	"	410		409,082	
Spearmint Oil	Lbs	121		2,379	
Sweet Potatoes	Cwt	189		18,452	
Taro (HI) <sup>3</sup>	Lbs			4,000	

<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year.

<sup>2</sup> Yield in pounds.

<sup>3</sup> Yield is not estimated.

**Fruits and Nuts Production, United States, 2006-2008**  
**(Domestic Units) <sup>1</sup>**

Crop	Units	Production		
		2006	2007	2008
		<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Citrus <sup>2</sup>				
Grapefruit	Tons	1,232	1,577	1,479
Lemons	"	980	703	703
Oranges <sup>3</sup>	"	9,021	7,589	9,922
Tangelos (FL)	"	63	56	59
Tangerines	"	417	339	434
Temples (FL) <sup>3</sup>	"	32		
Noncitrus				
Apples	1,000 Lbs	9,851.7	9,342.6	
Apricots	Tons	44.5	88.3	
Bananas (HI)	Lbs	20,000.0	21,000.0	
Grapes	Tons	6,377.2	6,729.7	
Olives (CA)	"	23.5	132.5	
Papayas (HI)	Lbs	28,700.0	33,300.0	
Peaches	Tons	1,010.1	1,112.7	
Pears	"	842.0	881.0	
Prunes, Dried (CA)	"	198.0	81.0	
Prunes & Plums (Ex CA)	"	21.5	11.9	
Nuts & Misc.				
Almonds (CA) (shelled)	Lbs	1,120,000	1,360,000	
Hazelnuts (OR) (in-shell)	Tons	43.0	36.0	
Pecans (in-shell)	Lbs	206,300	349,155	
Walnuts (CA) (in-shell)	Tons	346.0	320.0	
Maple Syrup	Gals	1,449	1,258	

<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year, except citrus which is for the 2007-08 season.

<sup>2</sup> Production years are 2005-06, 2006-07, and 2007-08.

<sup>3</sup> Temples included in oranges beginning with the 2006-07 season.



**Crop Summary: Area Planted and Harvested, United States, 2007-2008**  
(Metric Units) <sup>1</sup>

Crop	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Grains & Hay				
Barley	1,626,850		1,419,650	
Corn for Grain <sup>2</sup>	37,878,980		35,022,680	
Corn for Silage			2,456,870	
Hay, All <sup>3</sup>			24,939,020	
Alfalfa			8,769,630	
All Other			16,169,390	
Oats	1,521,630		609,060	
Proso Millet	230,670		208,420	
Rice	1,117,350		1,112,090	
Rye	556,850		116,960	
Sorghum for Grain <sup>2</sup>	3,123,400		2,753,920	
Sorghum for Silage			161,470	
Wheat, All <sup>3</sup>	24,456,630		20,643,640	
Winter	18,205,790	18,862,600	14,549,410	
Durum	869,680		854,710	
Other Spring	5,381,160		5,239,520	
Oilseeds				
Canola	478,750		470,650	
Cottonseed <sup>4</sup>				
Flaxseed	143,260		141,240	
Mustard Seed	22,660		21,370	
Peanuts	497,770		483,600	
Rapeseed	610		400	
Safflower	72,840		69,610	
Soybeans for Beans	25,750,830		25,422,630	
Sunflower	836,900		813,220	
Cotton, Tobacco & Sugar Crops				
Cotton, All <sup>3</sup>	4,382,910		4,246,090	
Upland	4,264,620		4,129,460	
Amer-Pima	118,290		116,630	
Sugarbeets	513,880		504,610	
Sugarcane			357,540	
Tobacco			144,070	
Dry Beans, Peas & Lentils				
Austrian Winter Peas	11,740		4,450	
Dry Edible Beans	617,920		598,420	
Dry Edible Peas	342,970		328,320	
Lentils	122,620		119,380	
Wrinkled Seed Peas <sup>4</sup>				
Potatoes & Misc.				
Coffee (HI)			2,590	
Ginger Root (HI)			30	
Hops			12,510	
Peppermint Oil			29,660	
Potatoes, All <sup>3</sup>	464,910		456,900	
Winter	4,650	4,450	4,650	4,450
Spring	29,540		28,490	
Summer	21,730		20,400	
Fall	408,980		403,350	
Spearmint Oil			7,930	
Sweet Potatoes	40,710		39,460	
Taro (HI) <sup>5</sup>			150	

<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year.

<sup>2</sup> Area planted for all purposes.

<sup>3</sup> Total may not add due to rounding.

<sup>4</sup> Acreage is not estimated.

<sup>5</sup> Area is total hectares in crop, not harvested hectares.

**Crop Summary: Yield and Production, United States, 2007-2008**  
(Metric Units) <sup>1</sup>

Crop	Yield		Production	
	2007	2008	2007	2008
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
<b>Grains &amp; Hay</b>				
Barley	3.25		4,611,940	
Corn for Grain	9.48		332,092,180	
Corn for Silage	39.26		96,459,140	
Hay, All <sup>2</sup>	5.47		136,353,500	
Alfalfa	7.51		65,838,930	
All Other	4.36		70,514,560	
Oats	2.18		1,329,560	
Proso Millet	1.81		376,820	
Rice	8.05		8,956,450	
Rye	1.72		201,020	
Sorghum for Grain	4.66		12,827,410	
Sorghum for Silage	34.87		5,629,990	
Wheat, All <sup>2</sup>	2.72		56,246,960	
Winter	2.84		41,258,460	
Durum	2.28		1,950,970	
Other Spring	2.49		13,037,520	
<b>Oilseeds</b>				
Canola	1.40		659,450	
Cottonseed <sup>3</sup>			5,983,790	
Flaxseed	1.06		149,970	
Mustard Seed	0.68		14,440	
Peanuts	3.51		1,696,730	
Rapeseed	1.46		590	
Safflower	1.36		94,800	
Soybeans for Beans	2.77		70,357,800	
Sunflower	1.61		1,310,230	
<b>Cotton, Tobacco &amp; Sugar Crops</b>				
Cotton, All <sup>2</sup>	0.98		4,143,950	
Upland	0.96		3,964,330	
Amer-Pima	1.54		179,620	
Sugarbeets	57.37		28,950,080	
Sugarcane	78.34		28,009,330	
Tobacco	2.45		353,180	
<b>Dry Beans, Peas &amp; Lentils</b>				
Austrian Winter Peas	1.29		5,760	
Dry Edible Beans	1.92		1,150,810	
Dry Edible Peas	2.20		721,350	
Lentils	1.29		154,580	
Wrinkled Seed Peas <sup>3</sup>			24,540	
<b>Potatoes &amp; Misc.</b>				
Coffee (HI)	1.31		3,400	
Ginger Root (HI)	39.23		1,270	
Hops	2.18		27,330	
Peppermint Oil	0.10		3,080	
Potatoes, All <sup>2</sup>	44.59		20,373,370	
Winter	24.10	28.02	112,170	124,740
Spring	32.95		938,660	
Summer	37.60		766,890	
Fall	46.00		18,555,650	
Spearmint Oil	0.14		1,080	
Sweet Potatoes	21.21		836,970	
Taro (HI) <sup>3</sup>			1,810	

<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year.

<sup>2</sup> Production may not add due to rounding.

<sup>3</sup> Yield is not estimated.

**Fruits and Nuts Production, United States, 2006-2008**  
(Metric Units) <sup>1</sup>

Crop	Production		
	2006	2007	2008
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Citrus <sup>2</sup>			
Grapefruit	1,117,650	1,430,630	1,341,730
Lemons	889,040	637,750	637,750
Oranges <sup>3</sup>	8,183,710	6,884,620	9,001,090
Tangelos (FL)	57,150	50,800	53,520
Tangerines	378,300	307,540	393,720
Temples (FL) <sup>3</sup>	29,030		
Noncitrus			
Apples	4,468,660	4,237,730	
Apricots	40,350	80,070	
Bananas (HI)	9,070	9,530	
Grapes	5,785,250	6,105,080	
Olives (CA)	21,320	120,200	
Papayas (HI)	13,020	15,100	
Peaches	916,370	1,009,460	
Pears	763,880	799,180	
Prunes, Dried (CA)	179,620	73,480	
Prunes & Plums (Ex CA)	19,500	10,800	
Nuts & Misc.			
Almonds (CA) (shelled)	508,020	616,890	
Hazelnuts (OR) (in-shell)	39,010	32,660	
Pecans (in-shell)	93,580	158,370	
Walnuts (CA) (in-shell)	313,890	290,300	
Maple Syrup	7,240	6,290	

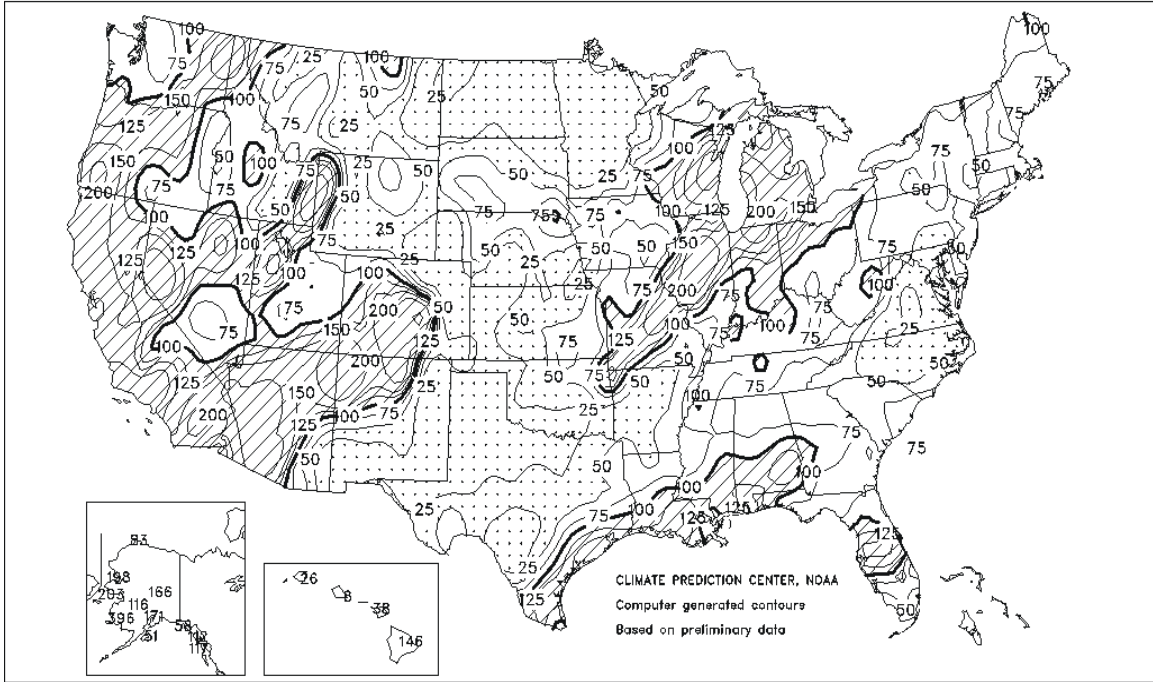
<sup>1</sup> Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year, except citrus which is for the 2007-08 season.

<sup>2</sup> Production years are 2005-06, 2006-07, and 2007-08.

<sup>3</sup> Temples included in oranges beginning with the 2006-07 season.

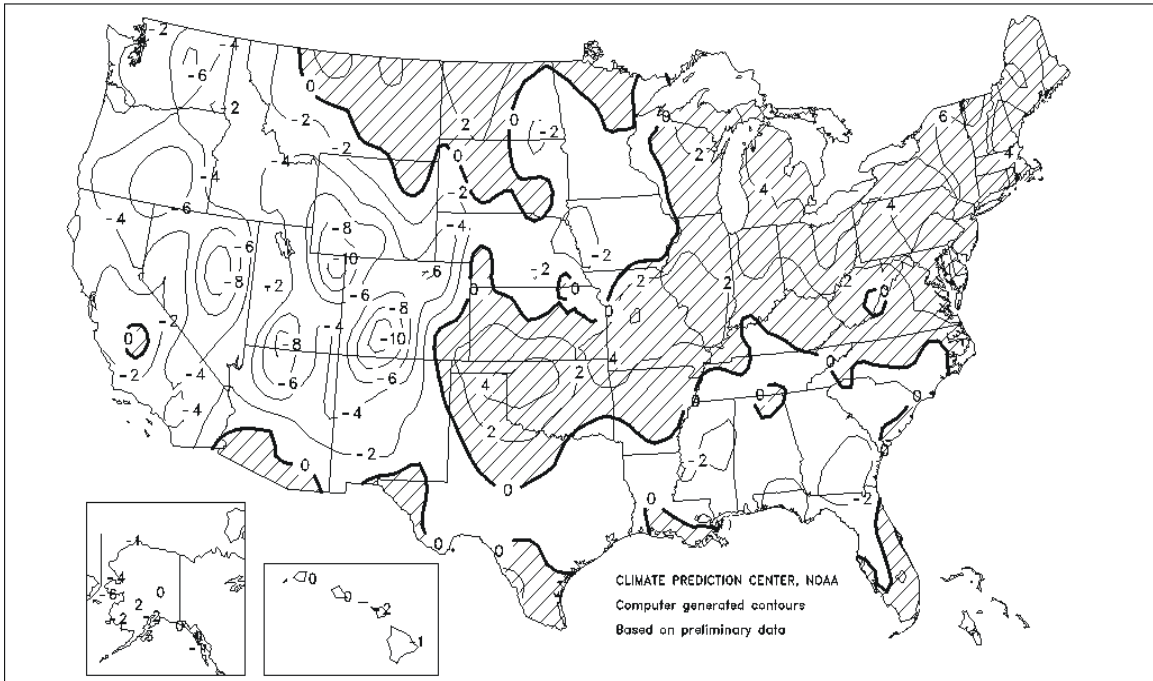
# Percent Of Normal Precipitation

January 2008



# Departure of Average Temperature from Normal (°F)

January 2008



## January Weather Summary

Cold weather settled across the West during the second week of January, following a barrage of storms that improved high-elevation snow packs and aided pastures, rangeland, and winter grains. Below-normal temperatures persisted in the West through month's end, along with periods of additional rain and snow that further improved the Western water-supply situation but caused local flooding. In the Northwest, some winter grains were buried by a substantial snow cover by month's end.

Meanwhile on the Plains, winter wheat continued to fare reasonably well, despite a generally dry month with large temperature fluctuations. For the most part, snow provided some insulation for the Plains' wheat during spells of bitterly cold weather. On the southern High Plains, however, much of the wheat continued to suffer from the effects of poor crop establishment that resulted from autumn dryness.

Farther east, Midwestern weather highlights included early-month downpours and flooding in the central Corn Belt. Upper Midwestern livestock were stressed due to deep snow cover and occasional bitter cold.

Elsewhere, significant rain fell along and near the Gulf Coast, but near- to below-normal precipitation totals were observed elsewhere across the South. Enough rain fell in the Southeast to benefit pastures and winter grains, although low lake levels and subsoil moisture shortages were symptoms of lingering long-term drought.

Cold weather and high winds caused some damage to strawberries, vegetables, and ornamentals across Florida's peninsula on January 3, but low temperatures were not a significant threat thereafter across the Deep South. January temperatures were persistently below normal but never extremely low in California, where light freezes were noted on as many as 10 days in the San Joaquin Valley. For the month, temperatures ranged from 5 to 10 degrees F below normal in a few high-elevation Western valleys, but averaged at least 5 degrees F above normal in parts of the Northeast.

## January Agricultural Summary

In Arizona, Texas, and California, weed and insect control measures were ongoing. In Arizona, half of the winter wheat crop was planted by January 13 and one-fourth of the alfalfa had been harvested by month's end. California oats were showing good growth as rains benefited small grain development. However, planting preparations in California were slowed due to the wet conditions. Texas small grains remained stressed due to the lack of moisture. Cotton field preparation was underway in the High Plains while cotton harvest neared completion in the Low Plains and the Edwards Plateau by January 28. Corn planting preparations were ongoing in the Blacklands. Georgia producers prepared for spring planting and wheat side dressing while wet fields slowed nitrogen applications during the last week of January. However, rains continued to ease drought conditions and improved the condition of small grains. Sugarcane harvest was ongoing in Florida and Texas during January.

California rains delayed activities in some orchards and vineyards of California and storms early in the month caused some fruit crop damage. Throughout the month, fruit and nut growers continued to apply chemicals and prune and replant orchards and groves. In California, producers were digging strawberry, raspberry, and blueberry stock plants. By mid-month, California cherry and almond trees in Kern County were budding and by the end of the month, strawberries were growing well in Tulare and Fresno counties. Pecan harvest continued in Texas and neared completion in the Cross Timbers, Blacklands, and Trans-Pecos regions while pruning of vines and trees by grape and pecan producers was evident in the State. Florida strawberry harvest and packing continued.

Harvesting, packing, and marketing was ongoing across all winter vegetable producing States. Herbicide and insecticide treatments were evident while spring planting preparations continued. California experienced some planting delays due to wet fields as fumigations for carrots and tomato crops were evident. Potato planting had begun in Florida and Texas by month's end.

Citrus harvest continued in Arizona, California, and Florida as boxes were packed and marketed throughout the month. California experienced slight harvest delays due to rain while cool mornings and moisture benefited fruit set on all varieties.

**Sugarcane:** Production of sugarcane for sugar and seed in 2007 is forecast at 30.9 million tons, of which 29.1 million tons are expected to be for sugar and 1.74 million tons for seed. Total production for sugar and seed is up fractionally

from the January forecast and 4 percent above the 2006 production. Sugarcane growers intend to harvest 883,500 acres for sugar and seed during the 2007 crop year, unchanged from last month but 2 percent less than last year. If realized, this will be the smallest area harvested for sugar and seed since 1990. Yield is forecast at 34.9 tons per acre, the same as the last forecast but up 2.0 tons from last year.

The yield in Florida for sugar and seed, at 37.0 tons per acre, is up 0.1 ton from last month and up 1.1 tons from last year. Sugarcane harvest continued in the Everglades region throughout the month of January. Wetland sugarcane harvest is progressing at a steady pace. Estimates for Hawaii, Louisiana, and Texas are carried forward from January.

**Grapefruit:** The forecast of the 2007-08 U.S. grapefruit crop is 1.48 million tons, down 1 percent from the January 1 forecast and 6 percent lower than the previous season. Florida's grapefruit production is forecast at 24.5 million boxes (1.04 million tons), down 2 percent from the January forecast and 10 percent below last season.

The Florida all white grapefruit forecast is 7.50 million boxes (319,000 tons), down 6 percent from January's forecast and 19 percent below last season's final utilization. Average fruit size for white grapefruit is slightly smaller than initially projected and is the smallest on record since the 1990-91 season. Droppage for white grapefruit increased substantially to 18 percent and is the highest for any of the previous 10 non-hurricane seasons. The Florida colored grapefruit forecast, at 17.0 million boxes (723,000 tons), is unchanged from the January forecast but 5 percent below the 2006-07 final utilization. Rainfall totals were above average in the upper portion of the citrus belt and below average in the lower central growing region. Arizona, California, and Texas grapefruit production forecasts are carried forward from the January forecast.

**Tangerines:** The U.S. tangerine crop is forecast at 434,000 tons, unchanged from the January forecast but 28 percent higher than the final utilization in 2006-07. Florida's tangerine crop is forecast at 4.80 million boxes (228,000 tons), unchanged from January's forecast but 4 percent higher than the 2006-07 utilization of 4.60 million boxes. Early tangerine harvest is nearly complete. The later maturing Honey tangerine droppage is at 34 percent, slightly below the previous ten season average. Arizona and California tangerine production estimates are carried forward from January.

**Tangelos:** Florida's tangelo forecast is 1.30 million boxes (59,000 tons), unchanged from the January 1 forecast but 4 percent above the 2006-07 final utilized production. Fresh shipments have been steady but processed fruit shipments have declined.

**Papayas:** Hawaii fresh papaya production is estimated at 2.81 million pounds for December 2007, down 9 percent from November but 22 percent higher than the comparable month a year ago. Total area in crop for December is estimated at 2,050 acres, down 2 percent from last month and 13 percent less than December 2006. Harvested area totaled 1,255 acres, 8 percent lower than November 2007 but up 11 percent from the same month the previous year. In December, orchards experienced cool, wet weather with gusty winds. Lower temperatures and cloudy skies delayed fruit development, while young plantings made steady progress. Growers increased spraying efforts to limit the spread of diseases.

**Florida Citrus:** The citrus crop escaped serious damage from a cold snap the first week of the month when temperatures dropped to the upper 20s and lower 30s across the citrus producing region. According to grower reports, the lowest temperatures, at 27 degrees, were in Arcadia and Lake Alfred; however, the duration was not long enough to cause any significant damage to the trees or fruit. Slight increases in droppage were observed in the northern and Indian River production areas. Temperatures warmed by the end of the month, with daily highs at least in the mid 70s in all areas. Weekly harvest amounts rebounded from the holiday season. Early and midseason orange weekly harvest, primarily for processing, was over six million boxes by the third week of January. Grapefruit harvest stayed under a million boxes per week. Most packinghouses transitioned to Temple oranges and Honey tangerines once the harvest of navel oranges and Sunburst tangerines was finished. Overall, trees and fruit were reported in good condition, with good fruit sets. Aggressive production practices, scouting techniques, and removal of abandoned groves were being used to control greening. Grove care included irrigating, mowing, pesticide spraying, fertilizing, and hedging and topping.

**California Citrus:** At the beginning of January, citrus growers carefully watched their groves with the onset of cold temperatures. Rainy weather eased grower's fears of dry frost in some areas. Blood orange harvest began at the beginning of the month. Mandarin, lemon, pummelo, Oro Blanco grapefruit, and navel orange harvests continued. With strong storms occurring at the end of January, citrus fruit were picked as weather permitted. Citrus growers were applying foliar nutrients and treatments to control fungus, insects, and weeds.

**California Noncitrus Fruits and Nuts:** Grape growers pruned, cultivated, tied vines, fertilized, and treated to control weeds and insects. Similar activities continued in stone fruit orchards. Storm systems containing heavy rains and mountain snow swept through the State in January. Cherry trees were budding out by month's end. Strawberries were growing well in Fresno County and blueberry bushes were being planted. Nursery stock digging and trimming continued in strawberry and raspberry fields, but began winding down by the end of the month. At the end of January, rains put a hold on cultural activities. New plantings were taking place when possible in vineyards and orchards in preparation for the new season. Olive tree pruning continued. Almond and walnut trees were being pruned and dormant sprays were applied in almond groves. Young almond trees were planted in some areas, while strong winds destroyed established almond trees in others. Some almond trees were budding in Kern County by the end of the month.

## Reliability of February 1 Orange Forecast

**Survey Procedures:** The orange objective yield survey for the February 1 forecast was conducted in Florida, which produces about 75 percent of the U.S. production. Bearing tree numbers are determined at the start of the season based on a fruit tree census conducted every other year, combined with ongoing review based on administrative data or special surveys. From mid-July to mid-September, the number of fruit per tree is determined. In September and subsequent months, fruit size measurement and fruit droppage surveys are conducted, which combined with the previous components are used to develop the current forecast of production. Arizona, California, and Texas conduct grower and packer surveys on a quarterly basis in October, January, April, and July. California conducts an objective measurement survey in September for navel oranges and in March for Valencia oranges.

**Estimating Procedures:** State level objective yield estimates for Florida oranges were reviewed for errors, reasonableness, and consistency with historical estimates. Reports from growers and packers in Arizona, California, and Texas were also used for setting estimates. These four States submit their analyses of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analyses to prepare the published February 1 forecast.

**Revision Policy:** The February 1 production forecasts will not be revised. A new forecast will be made each month throughout the growing season. End-of-season estimates will be published in the *Citrus Fruits Summary* released in September. The production estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use.

**Reliability:** To assist users in evaluating the reliability of the February 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the February 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the latest 20-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years.

The "Root Mean Square Error" for the February 1 orange production forecast is 4.0 percent. However, if you exclude the 5 abnormal production years (3 freeze seasons and 2 hurricane seasons), the "Root Mean Square Error" is 2.9 percent. This means that chances are 2 out of 3 that the current orange production forecast will not be above or below the final estimates by more than 4.0 percent, or 2.9 percent excluding abnormal seasons. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 6.9 percent, or 5.2 percent, excluding abnormal seasons.

Changes between the February 1 orange forecast and the final estimates during the past 20 years have averaged 346,000 tons (323,000 tons excluding abnormal seasons), ranging from 18,000 tons to 655,000 tons (3,000 tons to 638,000 tons, excluding abnormal seasons). The February 1 forecast for oranges has been below the final estimate 6 times and above 14 times (below 5 times and above 10 times, excluding abnormal seasons). The difference does not imply that the February 1 forecasts this year are likely to understate or overstate final production.



## Information Contacts

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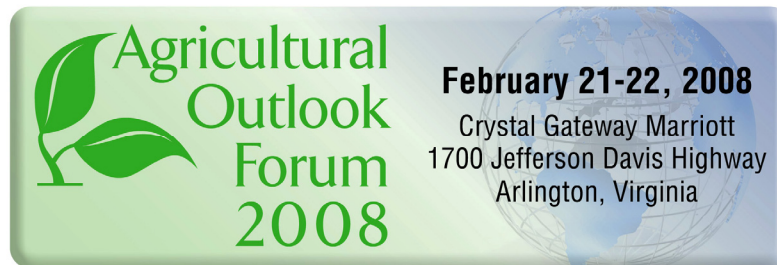
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