

# Mineral Industry Surveys

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## SODA ASH IN NOVEMBER 2005

Natural soda ash production in November was estimated to be 903,000 metric tons (t), slightly higher than the previous month's production of 898,000 t, according to the U.S. Geological Survey. Ending inventories were estimated to be 300,000 t, 2% lower than the preceding month's inventories. Wyoming trona production in November was 1.31 million tons. Total production of chemical caustic soda was withheld to avoid disclosing company proprietary data.

Apparent consumption of soda ash in October was 530,000 t, 12% higher than the October 2004 level of 474,000 t.

Exports and imports of soda ash in October 2005 were 356,000 t and 441 t, respectively.

The trends in cumulative soda ash statistics through October 2005, compared with those of October 2004, were as follows: production was slightly higher, imports 36% higher, exports 3% lower, ending stocks 5% lower, and apparent consumption 3% higher.

TABLE 1  
SALIENT SODA ASH STATISTICS<sup>1</sup>

(Thousand metric tons)

Period	Soda ash		Wyoming trona production
	Production <sup>2</sup>	Ending stocks	
2004:			
October	933	323	1,400
November	902	295	1,370
December	936	338	1,210
Total (January-November)	10,000	XX	15,300
Year total	11,000	XX	16,500
2005:			
January	925	332	1,440
February	858	360	1,350
March	894	285	1,410
April	928	275	1,360
May	931	259	1,510
June	932	266	1,560
July	955	297	1,550
August	893	246	1,380
September	923	296	1,450
October	898	307	1,320
November	903 <sup>e</sup>	300 <sup>e</sup>	1,310
Total	10,000	XX	15,600

<sup>e</sup>Estimated. XX Not applicable.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Production data include soda ash equivalent from soda liquors only. Soda ash equivalent from mine water is not included. Soda liquors are withheld to avoid disclosing company proprietary data.

TABLE 2  
U.S. EXPORTS OF SODA ASH BY COUNTRY, IN OCTOBER 2005<sup>1, 2</sup>

Country	Quantity (metric tons)	Value <sup>3</sup> (thousands)	Unit value
Mexico	69,700	\$9,050	\$130
Canada	37,500	4,270	114
Brazil	36,000	4,970	138
Venezuela	28,000	3,530	126
Indonesia	26,900	4,010	149
Saudi Arabia	26,000	2,960	114
Chile	23,900	3,140	131
Japan	19,300	2,650	138
Spain	17,000	1,910	112
Belgium	15,300	1,850	121
Other	56,700	7,940	140
Total or average	356,000	46,300	130

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>November 2005 data were not available at time of publication.

<sup>3</sup>Free alongside ship value at U.S. ports.

Source: U.S. Census Bureau.

TABLE 3  
U.S. EXPORTS OF SODA ASH BY COUNTRY IN 2005<sup>1,2</sup>

(Metric tons)

Country	January	February	March	April	May	June	July	August	September	October	Total	% of total
Argentina	1,400	14,700	8,500	25,200	--	--	--	--	--	--	49,800	1
Aruba	--	--	--	--	2,680	--	--	294	--	--	2,970	(3)
Australia	7,000	9,000	6,000	7,010	7,010	7,010	7,060	--	10,800	9,950	70,900	2
Belgium	--	20,000	--	12,800	--	38,700	--	9,950	100	15,300	96,800	3
Belize	--	--	--	--	--	--	23	--	--	6	29	(3)
Brazil	55,000	6,010	20,700	58,200	21,700	34,600	37,000	47,300	74,100	36,000	390,000	10
Canada	35,100	34,200	40,900	37,000	49,200	33,500	37,300	31,700	36,000	37,500	373,000	10
Chile	26,100	8,280	30,800	--	32,200	28,100	--	27,500	30,500	23,900	207,000	6
China	--	12,200	15,000	248	163	--	7,000	--	6	--	34,600	1
Colombia	13,300	8,500	10,000	9,250	10,900	750	11,500	23,300	--	--	87,400	2
Costa Rica	--	--	4,200	--	4,400	--	3,500	4,400	--	--	16,500	(3)
Ecuador	--	--	5,000	--	--	--	--	4,500	--	--	9,500	(3)
Finland	--	17	--	16	--	--	--	17	--	--	50	(3)
France	--	--	5,710	7,420	--	--	49	7,010	--	--	20,200	1
Grenada	--	--	--	--	--	--	5	--	--	--	5	(3)
Guatemala	--	--	2,700	--	5,000	--	--	5,300	--	5,000	18,000	(3)
Indonesia	60,800	--	44,200	17,500	27,100	--	37,800	14,400	10,900	26,900	240,000	6
Ireland	--	--	--	--	--	--	--	249	--	--	249	(3)
Italy	--	44	--	15	49	--	49	131	--	--	288	(3)
Japan	10,400	45,800	40,000	25,500	31,500	27,600	28,900	16,000	9,000	19,300	254,000	7
Korea, Republic of	13,000	20,300	13,900	15,600	15,500	--	38,300	9,900	22,500	12,500	162,000	4
Malaysia	10,500	--	--	30,500	--	27,300	--	13,000	--	--	81,300	2
Mexico	63,600	51,600	53,500	96,100	66,100	65,600	75,200	73,800	64,600	69,700	680,000	18
Netherlands	9,510	9,110	10,100	10,000	19	10,200	10,000	1,060	9,780	10,000	79,800	2
New Zealand	6,000	--	7,000	6,010	--	--	6,000	20	5,200	6,000	36,200	1
Pakistan	4	--	--	--	--	--	--	--	--	--	4	(3)
Panama	2,000	--	--	--	--	--	2,000	--	--	2,000	6,000	(3)
Peru	8,850	--	7,820	--	--	6,870	--	9,000	--	--	32,500	1
Philippines	--	14,000	--	5,700	9,000	--	8,000	--	7,000	--	43,700	1
Poland	--	--	--	--	--	--	--	17	--	223	240	(3)
Portugal	--	--	1,360	--	--	--	--	8,030	--	5,000	14,400	(3)
Russia	1,830	--	--	--	401	--	--	--	--	--	2,230	(3)
Saudi Arabia	13,000	--	14,000	12,000	--	17,000	--	14,000	--	26,000	96,000	3
South Africa	--	13,000	--	--	6,540	6,560	--	6,530	--	--	32,600	1
Spain	10,000	10,000	17,600	12,900	34,900	12,000	16	17,500	--	17,000	132,000	4
Taiwan	18,500	20,600	20,400	26,200	15,100	20	20,200	17,800	22,100	--	161,000	4
Thailand	16,500	598	19,900	36,800	24,500	--	19,500	--	9,500	--	127,000	3
United Arab Emirates	5,500	--	4,760	4,000	--	5,000	--	4,000	--	6,000	29,300	1
United Kingdom	--	--	--	--	--	--	--	1	--	--	1	(3)
Venezuela	--	32,100	4,000	27,700	7,500	22,400	40	26,700	--	28,000	148,000	4
Vietnam	--	--	735	1,100	--	--	98	1,000	--	--	2,930	(3)
Total	388,000	330,000	409,000	485,000	371,000	343,000	350,000	394,000	312,000	356,000	3,740,000	100

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>November 2005 data were not available at time of publication.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 4  
U.S. IMPORTS OF SODA ASH<sup>1,2</sup>

Period	Quantity (metric tons)	Value <sup>3</sup> (thousands)
2004:		
October	573	\$149
November	659	177
December	626	140
Total (January-October)	5,020	1,560
Year total	6,310	1,880
2005:		
January	644	158
February	807	220
March	1,470	351
April	511	186
May	745	158
June	668	183
July	602	208
August	685	227
September	270	116
October	441	172
Total	6,840	1,980

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>November 2005 data were not available at time of publication.

<sup>3</sup>Cost, insurance, and freight value at U.S. ports.

Source: U.S. Census Bureau.

TABLE 5  
U.S. APPARENT CONSUMPTION OF SODA ASH<sup>1</sup>

(Metric tons)

Period	Production	Imports	Exports	Net stock		Apparent consumption <sup>2</sup>
				Increase	Decrease	
2004:						
October	933,000	573	367,000	93,200	--	474,000
November	902,000	659	426,000	--	28,500	505,000
December	936,000	626	397,000	43,200	--	496,000
Total (January-October)	9,120,000	5,020	3,850,000	--	6,970	5,290,000
Total	11,000,000	6,310	4,670,000	7,650	--	6,290,000
2005:						
January	925,000	644	388,000	--	6,180	544,000
February	858,000	807	330,000	28,400	--	501,000
March	894,000	1,470	409,000	--	74,600	561,000
April	928,000	511	485,000	--	10,500	454,000
May	931,000	745	371,000	--	15,400	575,000
June	932,000	668	343,000	40,000	--	550,000
July	955,000	602	350,000	--	2,790	609,000
August	893,000	685	394,000	--	50,500	550,000
September	923,000	270	312,000	49,600	--	561,000
October	898,000	441	356,000	11,300	--	530,000
November	903,000 <sup>e</sup>	NA	NA	--	7,170 <sup>e</sup>	NA
January-October	9,140,000	6,840	3,740,000	--	30,600	5,440,000

<sup>e</sup>Estimated. NA Not available. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Production plus imports minus exports plus or minus stock changes.