

NOTE: Dairies are located in Communities surrounding SRS.

Note: Dairy I ceased operations in early 2013. Thus, the reason for 1 sample.

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-14 Radioactivity in Terrestrial Food Products - Milk

Summary Statistic Section

2013 Radioactivity in Terrestrial Food Products -- Milk : Units are pCi/L

Result was reported as detected.

Location	Nuclide	N	Mean		Minimum		Maximum	
			SampleCon	SampleStd	SampleCon	SampleStd	SampleCon	SampleStd
Dairy A - SC	H-3	4	2.97E+00	3.76E+01	-1.06E+02	7.44E+01	1.55E+02	7.40E+01
Dairy B - SC	H-3	4	3.94E+01	4.12E+01	-6.32E+01	9.82E+01	1.59E+02	7.48E+01
Dairy C - SC	H-3	4	5.38E+01	3.76E+01	-3.65E+01	7.36E+01	1.94E+02	7.50E+01
Dairy D - GA	H-3	4	6.43E+01	4.00E+01	-1.17E+02	8.84E+01	1.62E+02	7.73E+01
Dairy E - GA	H-3	4	7.14E+01	3.84E+01	-2.97E+01	7.63E+01	2.84E+02	7.86E+01
Dairy F - SC	H-3	4	3.35E+01	3.75E+01	-8.03E+00	7.60E+01	8.32E+01	7.36E+01
Dairy G - GA	H-3	4	1.08E+01	4.00E+01	-1.06E+02	9.21E+01	8.11E+01	7.67E+01
Dairy H - GA	H-3	4	3.75E+01	4.36E+01	-1.87E+02	1.00E+02	1.59E+02	7.47E+01
Dairy I - GA	H-3	1	NA	NA	NA	NA	-2.26E+02	9.86E+01

Dairy A - SC	Co-60	4	4.88E-01	5.41E-01	-2.05E-01	1.04E+00	1.12E+00	9.17E-01
Dairy B - SC	Co-60	4	1.03E+00	5.07E-01	3.35E-02	9.71E-01	3.11E+00	1.10E+00
Dairy C - SC	Co-60	4	-2.36E-01	5.03E-01	-2.11E+00	1.07E+00	5.05E-01	9.40E-01
Dairy D - GA	Co-60	4	5.67E-01	5.84E-01	-6.81E-01	1.20E+00	2.29E+00	1.13E+00
Dairy E - GA	Co-60	4	1.09E+01	7.44E+00	-4.95E-01	1.11E+00	4.14E+01	2.97E+01
Dairy F - SC	Co-60	4	-3.98E-01	5.97E-01	-1.84E+00	1.25E+00	9.41E-01	1.23E+00
Dairy G - GA	Co-60	4	2.80E-01	5.32E-01	-2.07E-01	1.08E+00	7.89E-01	1.03E+00
Dairy H - GA	Co-60	4	1.16E+00	5.49E-01	-1.05E+00	1.19E+00	3.46E+00	1.13E+00
Dairy I - GA	Co-60	1	NA	NA	NA	NA	-2.14E+00	1.24E+00

2013 Radioactivity in Terrestrial Food Products -- Milk : Units are pCi/L

Result was reported as detected.

<i>Location</i>	<i>Nuclide</i>	<i>N</i>	<i>Mean</i>		<i>Minimum</i>		<i>Maximum</i>	
			<i>SampleCon</i>	<i>SampleStd</i>	<i>SampleCon</i>	<i>SampleStd</i>	<i>SampleCon</i>	<i>SampleStd</i>
Dairy A - SC	Cs-137	4	8.89E-01	4.79E-01	-3.86E-01	8.63E-01	2.12E+00	9.63E-01
Dairy B - SC	Cs-137	4	1.08E+00	4.45E-01	-2.31E-01	8.80E-01	2.01E+00	8.76E-01
Dairy C - SC	Cs-137	4	8.14E-01	4.45E-01	3.81E-01	8.59E-01	1.21E+00	8.47E-01
Dairy D - GA	Cs-137	4	9.78E-02	5.11E-01	-1.51E+00	1.03E+00	1.07E+00	9.86E-01
Dairy E - GA	Cs-137	4	4.35E+00	6.56E+00	-1.06E+00	9.40E-01	1.59E+01	2.62E+01
Dairy F - SC	Cs-137	4	5.75E-01	5.22E-01	-7.49E-01	1.09E+00	1.84E+00	1.08E+00
Dairy G - GA	Cs-137	4	3.30E-01	4.84E-01	-4.00E-01	1.00E+00	1.83E+00	8.76E-01
Dairy H - GA	Cs-137	4	8.78E-01	5.38E-01	2.45E-01	9.56E-01	2.32E+00	1.23E+00
Dairy I - GA	Cs-137	1	NA	NA	NA	NA	3.08E-01	1.07E+00

Dairy A - SC	Sr-90	4	4.18E-01	1.45E-01	-9.41E-02	3.31E-02	8.57E-01	4.23E-01
Dairy B - SC	Sr-90	4	3.77E-01	2.81E+00	-1.26E-01	1.53E-01	8.38E-01	1.12E+01
Dairy C - SC	Sr-90	4	4.81E-01	4.06E-01	-3.14E-01	8.55E-01	8.73E-01	5.51E-01
Dairy D - GA	Sr-90	4	4.66E-01	5.40E-01	7.41E-02	1.97E+00	1.09E+00	2.83E-01
Dairy E - GA	Sr-90	4	4.68E-01	2.16E-01	1.90E-01	1.46E-01	6.49E-01	6.87E-01
Dairy F - SC	Sr-90	4	2.06E-01	3.63E-01	-6.54E-01	3.44E-01	1.58E+00	1.41E+00
Dairy G - GA	Sr-90	4	4.82E-01	2.24E-01	-1.88E-01	1.80E-01	9.65E-01	5.27E-01
Dairy H - GA	Sr-90	4	1.49E-01	5.36E-01	-2.66E-01	2.11E+00	6.46E-01	2.86E-01
Dairy I - GA	Sr-90	1	NA	NA	NA	NA	1.66E+00	3.03E+00

NOTE: Dairies are located in Communities surrounding SRS.

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-14 Radioactivity in Terrestrial Food Products - Milk

Data Section

2013 Radioactivity in Terrestrial Food Products -- Milk : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Dairy A - SC	H-3	15-Jan-13	-1.06E+02	7.44E+01	No
Dairy A - SC	H-3	2-Apr-13	-7.30E+01	7.58E+01	No
Dairy A - SC	H-3	15-Jul-13	3.59E+01	7.67E+01	No
Dairy A - SC	H-3	2-Oct-13	1.55E+02	7.40E+01	No
Dairy B - SC	H-3	15-Jan-13	-1.62E+01	7.69E+01	No
Dairy B - SC	H-3	2-Apr-13	-6.32E+01	9.82E+01	No
Dairy B - SC	H-3	15-Jul-13	7.76E+01	7.73E+01	No
Dairy B - SC	H-3	2-Oct-13	1.59E+02	7.48E+01	No
Dairy C - SC	H-3	15-Jan-13	-1.87E+01	7.58E+01	No
Dairy C - SC	H-3	2-Apr-13	-3.65E+01	7.36E+01	No
Dairy C - SC	H-3	15-Jul-13	7.62E+01	7.60E+01	No
Dairy C - SC	H-3	2-Oct-13	1.94E+02	7.50E+01	No
Dairy G - GA	H-3	24-Jan-13	5.89E+00	7.43E+01	No
Dairy G - GA	H-3	2-Apr-13	-1.06E+02	9.21E+01	No
Dairy G - GA	H-3	16-Jul-13	6.27E+01	7.60E+01	No
Dairy G - GA	H-3	1-Oct-13	8.11E+01	7.67E+01	No
Dairy D - GA	H-3	15-Jan-13	1.62E+02	7.73E+01	No
Dairy D - GA	H-3	2-Apr-13	-1.17E+02	8.84E+01	No
Dairy D - GA	H-3	16-Jul-13	1.17E+02	7.66E+01	No
Dairy D - GA	H-3	1-Oct-13	9.49E+01	7.73E+01	No
Dairy E - GA	H-3	16-Jan-13	5.32E+01	7.64E+01	No
Dairy E - GA	H-3	10-Apr-13	-2.97E+01	7.63E+01	No
Dairy E - GA	H-3	16-Jul-13	2.84E+02	7.86E+01	Yes
Dairy E - GA	H-3	1-Oct-13	-2.17E+01	7.57E+01	No
Dairy F - SC	H-3	15-Jan-13	-8.03E+00	7.60E+01	No
Dairy F - SC	H-3	2-Apr-13	3.41E+01	7.48E+01	No
Dairy F - SC	H-3	15-Jul-13	2.47E+01	7.59E+01	No
Dairy F - SC	H-3	2-Oct-13	8.32E+01	7.36E+01	No
Dairy H - GA	H-3	7-Feb-13	-1.87E+02	1.00E+02	No
Dairy H - GA	H-3	2-Apr-13	2.24E+01	9.36E+01	No
Dairy H - GA	H-3	16-Jul-13	1.55E+02	7.83E+01	No
Dairy H - GA	H-3	2-Oct-13	1.59E+02	7.47E+01	No
Dairy I - GA	H-3	7-Feb-13	-2.26E+02	9.86E+01	No

2013 Radioactivity in Terrestrial Food Products -- Milk : Units are pCi/L

<i>Location</i>	<i>Nuclide</i>	<i>CollectDate</i>	<i>SampleCon</i>	<i>SampleStd</i>	<i>Sig</i>
Dairy A - SC	Co-60	15-Jan-13	7.22E-01	1.13E+00	No
Dairy A - SC	Co-60	2-Apr-13	3.19E-01	1.22E+00	No
Dairy A - SC	Co-60	15-Jul-13	-2.05E-01	1.04E+00	No
Dairy A - SC	Co-60	2-Oct-13	1.12E+00	9.17E-01	No
Dairy B - SC	Co-60	15-Jan-13	1.79E-01	9.71E-01	No
Dairy B - SC	Co-60	2-Apr-13	7.86E-01	1.01E+00	No
Dairy B - SC	Co-60	15-Jul-13	3.11E+00	1.10E+00	No
Dairy B - SC	Co-60	2-Oct-13	3.35E-02	9.71E-01	No
Dairy C - SC	Co-60	15-Jan-13	5.05E-01	9.40E-01	No
Dairy C - SC	Co-60	2-Apr-13	2.35E-01	9.78E-01	No
Dairy C - SC	Co-60	15-Jul-13	4.22E-01	1.03E+00	No
Dairy C - SC	Co-60	2-Oct-13	-2.11E+00	1.07E+00	No
Dairy G - GA	Co-60	24-Jan-13	5.57E-01	9.32E-01	No
Dairy G - GA	Co-60	2-Apr-13	-2.00E-02	1.20E+00	No
Dairy G - GA	Co-60	16-Jul-13	7.89E-01	1.03E+00	No
Dairy G - GA	Co-60	1-Oct-13	-2.07E-01	1.08E+00	No
Dairy D - GA	Co-60	15-Jan-13	-6.81E-01	1.20E+00	No
Dairy D - GA	Co-60	2-Apr-13	-3.97E-01	1.23E+00	No
Dairy D - GA	Co-60	16-Jul-13	2.29E+00	1.13E+00	No
Dairy D - GA	Co-60	1-Oct-13	1.05E+00	1.11E+00	No
Dairy E - GA	Co-60	16-Jan-13	4.14E+01	2.97E+01	No
Dairy E - GA	Co-60	10-Apr-13	2.38E+00	1.19E+00	No
Dairy E - GA	Co-60	16-Jul-13	-4.95E-01	1.11E+00	No
Dairy E - GA	Co-60	1-Oct-13	3.68E-01	1.04E+00	No
Dairy F - SC	Co-60	15-Jan-13	-1.84E+00	1.25E+00	No
Dairy F - SC	Co-60	2-Apr-13	-9.97E-03	1.27E+00	No
Dairy F - SC	Co-60	15-Jul-13	9.41E-01	1.23E+00	No
Dairy F - SC	Co-60	2-Oct-13	-6.89E-01	1.01E+00	No
Dairy H - GA	Co-60	7-Feb-13	-1.05E+00	1.19E+00	No
Dairy H - GA	Co-60	2-Apr-13	6.46E-01	1.02E+00	No
Dairy H - GA	Co-60	16-Jul-13	3.46E+00	1.13E+00	No
Dairy H - GA	Co-60	2-Oct-13	1.59E+00	1.04E+00	No
Dairy I - GA	Co-60	7-Feb-13	-2.14E+00	1.24E+00	No

2013 Radioactivity in Terrestrial Food Products -- Milk : Units are pCi/L

<i>Location</i>	<i>Nuclide</i>	<i>CollectDate</i>	<i>SampleCon</i>	<i>SampleStd</i>	<i>Sig</i>
Dairy A - SC	Cs-137	15-Jan-13	2.12E+00	9.63E-01	No
Dairy A - SC	Cs-137	2-Apr-13	2.70E-01	1.03E+00	No
Dairy A - SC	Cs-137	15-Jul-13	1.55E+00	9.67E-01	No
Dairy A - SC	Cs-137	2-Oct-13	-3.86E-01	8.63E-01	No
Dairy B - SC	Cs-137	15-Jan-13	2.01E+00	8.76E-01	No
Dairy B - SC	Cs-137	2-Apr-13	1.26E+00	9.00E-01	No
Dairy B - SC	Cs-137	15-Jul-13	1.26E+00	9.04E-01	No
Dairy B - SC	Cs-137	2-Oct-13	-2.31E-01	8.80E-01	No
Dairy C - SC	Cs-137	15-Jan-13	1.21E+00	8.47E-01	No
Dairy C - SC	Cs-137	2-Apr-13	3.81E-01	8.59E-01	No
Dairy C - SC	Cs-137	15-Jul-13	4.65E-01	8.80E-01	No
Dairy C - SC	Cs-137	2-Oct-13	1.20E+00	9.71E-01	No
Dairy G - GA	Cs-137	24-Jan-13	1.83E+00	8.76E-01	No
Dairy G - GA	Cs-137	2-Apr-13	1.16E-01	1.03E+00	No
Dairy G - GA	Cs-137	16-Jul-13	-2.26E-01	9.56E-01	No
Dairy G - GA	Cs-137	1-Oct-13	-4.00E-01	1.00E+00	No
Dairy D - GA	Cs-137	15-Jan-13	-1.01E-01	9.97E-01	No
Dairy D - GA	Cs-137	2-Apr-13	9.32E-01	1.07E+00	No
Dairy D - GA	Cs-137	16-Jul-13	1.07E+00	9.86E-01	No
Dairy D - GA	Cs-137	1-Oct-13	-1.51E+00	1.03E+00	No
Dairy E - GA	Cs-137	16-Jan-13	1.59E+01	2.62E+01	No
Dairy E - GA	Cs-137	10-Apr-13	9.70E-01	1.05E+00	No
Dairy E - GA	Cs-137	16-Jul-13	-1.06E+00	9.40E-01	No
Dairy E - GA	Cs-137	1-Oct-13	1.59E+00	1.00E+00	No
Dairy F - SC	Cs-137	15-Jan-13	-2.09E-01	1.11E+00	No
Dairy F - SC	Cs-137	2-Apr-13	-7.49E-01	1.09E+00	No
Dairy F - SC	Cs-137	15-Jul-13	1.84E+00	1.08E+00	No
Dairy F - SC	Cs-137	2-Oct-13	1.41E+00	8.76E-01	No
Dairy H - GA	Cs-137	7-Feb-13	5.73E-01	1.06E+00	No
Dairy H - GA	Cs-137	2-Apr-13	2.32E+00	1.23E+00	No
Dairy H - GA	Cs-137	16-Jul-13	3.73E-01	1.04E+00	No
Dairy H - GA	Cs-137	2-Oct-13	2.45E-01	9.56E-01	No
Dairy I - GA	Cs-137	7-Feb-13	3.08E-01	1.07E+00	No

2013 Radioactivity in Terrestrial Food Products -- Milk : Units are pCi/L

<i>Location</i>	<i>Nuclide</i>	<i>CollectDate</i>	<i>SampleCon</i>	<i>SampleStd</i>	<i>Sig</i>
Dairy A - SC	Sr-90	15-Jan-13	8.57E-01	4.23E-01	Yes
Dairy A - SC	Sr-90	2-Apr-13	1.18E-01	5.96E-02	No
Dairy A - SC	Sr-90	15-Jul-13	-9.41E-02	3.31E-02	No
Dairy A - SC	Sr-90	2-Oct-13	7.92E-01	3.90E-01	Yes
Dairy B - SC	Sr-90	15-Jan-13	7.59E-01	9.24E-01	No
Dairy B - SC	Sr-90	2-Apr-13	8.38E-01	1.12E+01	No
Dairy B - SC	Sr-90	15-Jul-13	3.78E-02	6.74E-02	No
Dairy B - SC	Sr-90	2-Oct-13	-1.26E-01	1.53E-01	No
Dairy C - SC	Sr-90	15-Jan-13	6.08E-01	8.47E-01	No
Dairy C - SC	Sr-90	2-Apr-13	8.73E-01	5.51E-01	No
Dairy C - SC	Sr-90	15-Jul-13	7.57E-01	9.40E-01	No
Dairy C - SC	Sr-90	2-Oct-13	-3.14E-01	8.55E-01	No
Dairy G - GA	Sr-90	24-Jan-13	4.86E-01	2.25E-01	No
Dairy G - GA	Sr-90	2-Apr-13	6.65E-01	6.66E-01	No
Dairy G - GA	Sr-90	16-Jul-13	-1.88E-01	1.80E-01	No
Dairy G - GA	Sr-90	1-Oct-13	9.65E-01	5.27E-01	No
Dairy D - GA	Sr-90	15-Jan-13	1.97E-01	8.23E-02	No
Dairy D - GA	Sr-90	2-Apr-13	7.41E-02	1.97E+00	No
Dairy D - GA	Sr-90	16-Jul-13	1.09E+00	2.83E-01	Yes
Dairy D - GA	Sr-90	1-Oct-13	5.00E-01	8.37E-01	No
Dairy E - GA	Sr-90	16-Jan-13	1.90E-01	1.46E-01	No
Dairy E - GA	Sr-90	10-Apr-13	5.19E-01	2.87E-01	No
Dairy E - GA	Sr-90	16-Jul-13	6.49E-01	6.87E-01	No
Dairy E - GA	Sr-90	1-Oct-13	5.14E-01	4.16E-01	No
Dairy F - SC	Sr-90	15-Jan-13	-1.46E-01	6.55E-02	No
Dairy F - SC	Sr-90	2-Apr-13	1.58E+00	1.41E+00	Yes
Dairy F - SC	Sr-90	15-Jul-13	-6.54E-01	3.44E-01	No
Dairy F - SC	Sr-90	2-Oct-13	4.22E-02	5.70E-02	No
Dairy H - GA	Sr-90	7-Feb-13	6.46E-01	2.86E-01	Yes
Dairy H - GA	Sr-90	2-Apr-13	3.32E-01	2.51E-01	No
Dairy H - GA	Sr-90	16-Jul-13	-1.16E-01	5.58E-02	No
Dairy H - GA	Sr-90	2-Oct-13	-2.66E-01	2.11E+00	No
Dairy I - GA	Sr-90	7-Feb-13	1.66E+00	3.03E+00	Yes