

NOTE: (a) Includes direct releases to streams and migration from seepage basins and the Solid Waste Disposal Facility to streams.

NOTE: (b) Includes heat exchanger cooling water released from P-Area (of PAR pond origin) to Steel Creek.

NOTE: (c) Beginning in 1986, this amount includes tritium released from Plant Vogtle (in 2014, Southern Nuclear/Georgia Power reported that 2,142 curies were released).

Data Table 5-11 Summary of Savannah River Site Tritium Transport

Sample Measurement Section

1960-2014 Summary of Savannah River Site Tritium Transport: Units are Curies

Year	Based on Point-of-Release Concentrations and Flows ^a	Based on Stream Concentrations and Flow	Based on Savannah River Concentrations and Flow ^c
1960	64,000 ^b	69,600	73,700
1961	69,000 ^b	83,000	77,000
1962	58,000 ^b	64,000	63,000
1963	97,000 ^b	96,900	122,800
1964	111,000 ^b	131,600	143,000
1965	108,400	109,200	100,200
1966	84,900	97,800	78,300
1967	70,600	77,000	68,500
1968	63,800	67,200	61,800
1969	64,600	64,000	58,100
1970	36,900	43,200	31,800
1971	38,200	44,700	39,100
1972	46,800	47,300	45,300
1973	71,100	62,800	61,100
1974	59,900	54,600	46,000
1975	55,600	50,000	49,500
1976	59,600	47,400	51,100
1977	43,800	39,700	42,500
1978	37,600	35,300	36,600
1979	29,400	27,100	30,600
1980	24,900	28,800	30,700
1981	23,900	22,100	25,100
1982	32,200	31,300	30,600
1983	34,200	33,000	33,000
1984	32,800	32,600	33,200
1985	25,000	22,300	24,100
1986	27,800	22,300	22,100
1987	22,700	20,500	26,200
1988	19,300	18,300	14,600
1989	17,300	17,800	15,600
1990	16,100	15,600	14,500
1991	27,400	26,600	26,300
1992	13,800	13,100	13,800
1993	11,300	12,700	12,200
1994	8,800	10,400	10,900
1995	9,900	11,400	10,700
1996	7,560	8,020	8,950
1997	8,350	8,550	7,700
1998	10,555	10,588	9,420

1960-2014 Summary of Savannah River Site Tritium Transport: Units are Curies

Year	Based on Point-of-Release Concentrations and Flows ^a	Based on Stream Concentrations and Flow	Based on Savannah River Concentrations and Flow ^c
1999	6,111	6,292	5,810
2000	5,995	5,956	5,420
2001	4,423	4,315	4,815
2002	3,096	2,857	4,051
2003	4,319	4,139	5,910
2004	2,683	2,785	3,630
2005	2,506	2,378	4,480
2006	1,644	1,391	3,328
2007	1,317	1,025	1,938
2008	1,535	1,185	2,660
2009	1,559	1,271	2,350
2010	1,285	1,205	2,058
2011	942	776	2,090
2012	746	690	1,874
2013	1,082	1,057	2,482
2014	789	767	2,513

Data Table 5-11 Summary of Savannah River Site Tritium Transport

Summary of Savannah River Site Tritium Transport Information

Year	Transport	Vogtle	Vogtle + Transport	RM-118 - RM 160	%diff	RM-118 only	%diff
2005	2,378	1860	4,238	4,480	5.40%	5,480	22.66%
2006	1,391	2080	3,471	3,328	-4.30%	3,830	9.37%
2007	1,025	855	1,880	1,938	2.99%	2,230	15.70%
2008	1,185	1364	2,549	2,660	4.17%	3,140	18.82%
2009	1,271	1224	2,495	2,350	-6.17%	2,840	12.15%
2010	1,205	902	2,107	2,058	-2.38%	2,790	24.48%
2011	776	1370	2,146	2,090	-2.68%	2,940	27.01%
2012	690	1181	1,871	1,874	0.16%	2,496	25.04%
2013	1,057	1897	2,954	2,482	-19.02%	3,505	15.72%
2014	767	2454	3221	2,513	-28.17%	2,980	-8.09%