

Table F-10. Ground-water pumping rates by area at Savannah River Plant, 1968 to 1983
 (average continuous pumping rate in cubic meters per minute)

Area	Wells	1968-1973		1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1985 ^a
		(average)												
A/M	4	5.1		4.3	4.3	4.2	4.4	4.0	4.1	4.4	5.1	5.03	6.81	6.81
F	6	6.3		5.3	3.9	4.5	4.6	4.5	5.0	5.2	5.3	5.87	6.44	4.54
H	5	5.9		6.1	5.8	6.5	6.3	6.7	6.8	6.9	7.4	7.19	7.19	7.19
CS	3	0.25		0.34	0.36	0.44	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.74
D	(b)	0.63		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U	3	0.48		0.38	0.38	0.28	0.28	0.28	0.28	0.28	0.28	0.34 ^c	0.34 ^c	0.34 ^c
C	2	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.13	1.13	1.13
K	2	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.13	1.13	1.27
L	2	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.28 ^d	0.94	0.94
P	2	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.13	1.32	1.32
CMX-TNX	3	0.13		0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.61	1.13	1.13	1.13
Total		18.8		16.6	14.9	16.1	16.3	16.2	16.9	17.5	20.4	23.8	27.0	25.4

^aProjected use with L-Reactor operating. In September 1984, the pumping rate in F-Area is expected to decrease to 3.41 cubic meters per minute because ground water will no longer be used by the F-Area powerhouse (to be placed in standby status). The L-Reactor increment is 1.13 cubic meters per minute.

^bWells are no longer in use.

^cIncludes temporary construction area.

^dCurrently about 0.28 cubic meter per minute; 0.94 projected in NPDES Permit SC0000175 (Du Pont, 1981) application.

Table F-11. Savannah River Plant precipitation by month and year, 1952 through 1982
(in centimeters)^a

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Departure from average
1952	5.3	8.2	16.6	7.9	14.1	14.4	7.2	15.2	8.5	3.5	7.3	10.1	118.2	-3.1
1953	6.8	13.9	9.7	7.5	11.2	13.7	9.2	9.2	21.7	0.3	2.6	19.1	124.9	3.6
1954	3.2	4.2	7.5	6.4	7.3	7.4	5.2	10.4	3.6	3.3	7.5	7.3	73.2	-48.2
1955	12.1	6.7	5.6	14.1	11.5	8.4	10.0	12.9	8.7	3.4	7.4	1.2	101.9	-19.4
1956	4.2	20.2	12.3	8.2	7.8	5.9	11.0	8.1	11.6	4.6	2.4	5.2	101.5	-19.9
1957	5.2	4.0	10.9	7.0	20.4	10.6	8.9	6.1	12.8	15.5	16.4	5.7	123.5	2.2
1958	10.2	11.1	12.6	14.3	5.3	6.4	13.5	7.0	2.8	2.4	0.5	11.2	97.4	-24.0
1959	9.0	15.4	16.4	5.2	9.7	10.3	14.7	7.4	22.1	27.6	5.0	9.0	151.8	30.4
1960	17.6	14.8	14.6	12.9	5.0	9.3	13.4	7.1	12.3	2.5	2.1	7.4	118.9	-2.4
1961	9.1	14.6	18.4	20.8	9.9	7.6	7.8	18.2	2.5	0.2	4.6	16.8	130.6	9.2
1962	11.8	13.1	16.6	10.2	8.9	11.2	6.5	8.7	14.1	5.8	8.9	5.6	121.3	-0.1
1963	15.1	9.2	8.5	9.4	7.6	21.4	8.1	2.6	13.6	0.0	9.3	11.4	116.3	-5.1
1964	19.8	15.2	14.7	15.1	9.2	11.4	26.5	31.3	14.4	15.6	2.2	11.1	186.6	65.3
1965	5.1	16.2	22.0	6.2	3.4	12.8	20.4	4.9	7.2	6.6	5.5	3.6	113.9	-7.5
1966	18.2	15.1	11.3	6.4	14.0	11.8	10.4	13.3	9.2	3.2	2.7	8.6	124.3	3.0
1967	9.3	9.7	14.4	7.2	12.7	9.5	19.1	18.6	4.3	1.6	6.4	8.0	120.7	-0.6
1968	10.1	2.4	3.8	5.4	8.8	15.7	9.9	10.8	5.7	7.6	8.6	6.9	95.8	-25.6
1969	5.1	6.2	8.6	10.4	7.7	10.0	6.9	13.8	11.6	2.9	1.0	10.6	94.8	-26.5
1970	7.1	6.8	18.7	3.5	10.6	8.8	12.3	9.6	4.3	12.7	4.3	12.5	111.3	-10.1
1971	13.0	10.6	22.0	7.4	7.6	15.0	26.7	22.3	9.7	15.1	5.9	7.3	162.6	41.2
1972	22.6	11.2	7.2	1.4	12.0	16.7	6.7	15.4	3.7	3.0	9.0	13.3	122.3	1.0
1973	13.6	13.4	16.2	11.6	8.9	27.7	15.3	9.7	9.4	3.1	0.8	11.8	141.5	20.1
1974	6.6	17.9	7.3	7.4	10.5	7.1	10.4	15.9	8.2	0.2	5.6	9.7	106.7	-14.6
1975	12.6	16.9	15.0	11.2	13.1	9.8	21.7	9.7	13.2	4.4	8.7	5.2	141.4	20.1
1976	10.6	2.7	9.7	6.4	27.7	11.0	5.0	4.2	13.9	12.5	10.6	12.9	127.3	5.9
1977	9.4	4.1	17.4	3.2	4.5	6.3	8.7	18.5	14.0	10.8	4.1	9.8	111.0	-10.3
1978	25.5	3.4	7.8	9.0	9.2	8.7	10.5	13.0	10.3	0.2	9.0	4.8	111.2	-10.2
1979	9.1	19.7	7.8	16.5	22.7	3.9	19.9	5.4	15.6	3.4	10.0	5.5	139.6	18.2
1980	13.0	8.8	27.8	4.3	8.9	7.6	2.3	5.2	14.9	5.4	6.4	4.9	109.4	-12.0
1981	2.3	12.8	12.0	5.3	17.5	10.9	10.1	14.7	1.4	7.1	2.5	24.3	120.8	-0.6
1982	10.0	11.3	6.4	14.4	6.9	10.8	29.2	12.7	11.7	9.8	6.1	12.3	141.6	20.3

Table F-11. Savannah River Plant precipitation by month and year, 1952 through 1982
 (in centimeters)^a (continued)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Departure from average
Average	10.7	11.0	12.9	8.9	10.8	11.0	12.5	11.7	10.2	6.3	5.9	9.5	121.4	
Maximum	25.5	20.2	22.8	20.8	27.7	27.7	29.2	31.3	22.1	27.6	16.4	24.3	186.6	
Year	1978	1956	1980	1961	1976	1973	1982	1964	1959	1959	1957	1981	1964	
Minimum	2.3	2.4	3.8	1.4	3.4	3.9	2.3	2.6	1.4	0.0	0.5	1.2	73.2	
Year	1981	1968	1968	1972	1965	1979	1980	1963	1981	1963	1958	1955	1954	

^aAdapted from Du Pont (1983).