



**Date:** January 8, 2002

**From:** Rebecca L. Mitchell

**To:** Distribution (by E-mail, Fax or regular Mail)

**Subject:** Lake Gaston Water Withdrawal Report For 2001  
(FERC Project # 2009)

Enclosed please find a copy of the Virginia Beach yearly water withdrawal report from Lake Gaston for 2001. Withdrawals in 2001 totaled 14,498 million gallons (MG) and averaged 39.7 million gallons per day (mgd). The maximum monthly withdrawal of 1,498 MG (49.9 mgd) occurred in November and the minimum monthly withdrawal of 573 MG (18.5 mgd) occurred in March.

January 2001: Withdrawals in January 2001 totaled 1,394 million gallons (MG) and averaged 45.0 million gallons per day (mgd). The maximum daily withdrawal was 50.0 MG and the minimum daily withdrawal was 16.9 MG.

February 2001: Withdrawals in February 2001 totaled 1,270 million gallons (MG) and averaged 45.3 million gallons per day (mgd). The maximum daily withdrawal was 50.2 MG and the minimum daily withdrawal was 35.0 MG.

March 2001: Withdrawals in March 2001 totaled 573 million gallons (MG) and averaged 18.5 million gallons per day (mgd). The maximum daily withdrawal was 44.4 MG and the minimum daily withdrawal was 7.0 MG.

April 2001: Withdrawals in April 2001 totaled 1,319 million gallons (MG) and averaged 44.0 million gallons per day (mgd). The maximum daily withdrawal was 48.4 MG and the minimum daily withdrawal was 37.8 MG.

May 2001: Withdrawals in May 2001 totaled 1,364 million gallons (MG) and averaged 44.0 million gallons per day (mgd). The maximum daily withdrawal was 48.9 MG and the minimum daily withdrawal was 35.1 MG.

June 2001: Withdrawals in June 2001 totaled 843 million gallons (MG) and averaged 28.1 million gallons per day (mgd). The maximum daily withdrawal was 52.2 MG and the minimum daily withdrawal was 7.1 MG.

July 2001: Withdrawals in July 2001 totaled 859 million gallons (MG) and averaged 27.7 million gallons per day (mgd). The maximum daily withdrawal was 46.1 MG and the minimum daily withdrawal was 7.4 MG.

August 2001: Withdrawals in August 2001 totaled 1,339 million gallons (MG) and averaged

43.2 million gallons per day (mgd). The maximum daily withdrawal was 46.1 MG and the minimum daily withdrawal was 32.1 MG.

September 2001: Withdrawals in September 2001 totaled 1,319 million gallons (MG) and averaged 44.0 million gallons per day (mgd). The maximum daily withdrawal was 48.6 MG and the minimum daily withdrawal was 41.9 MG.

October 2001: Withdrawals in October 2001 totaled 1,493 million gallons (MG) and averaged 48.2 million gallons per day (mgd). The maximum daily withdrawal was 49.0 MG and the minimum daily withdrawal was 44.9 MG.

November 2001: Withdrawals in November 2001 totaled 1,498 million gallons (MG) and averaged 49.9 million gallons per day (mgd). The maximum daily withdrawal was 50.4 MG and the minimum daily withdrawal was 49.6 MG.

December 2001: Withdrawals in December 2001 totaled 1,228 million gallons (MG) and averaged 39.6 million gallons per day (mgd). The maximum daily withdrawal was 50.0 MG and the minimum daily withdrawal was 26.8 MG.

This report is being sent as an attachment to this e-mail in Word Perfect (\*.wpd), QuatroPro (\*.wb2), Excel (\*.xls), MS Word (\*.doc), fax, or regular mail. If you have any questions, you may respond by e-mail to [bmitchel@vbgov.com](mailto:bmitchel@vbgov.com), by fax at 757-427-3183, by mail at Department of Public Utilities, 2405 Court House Drive, Virginia Beach, VA 23456, or by phone at 757-427-8674.

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CITY OF VIRGINIA BEACH, VIRGINIA -- LAKE GASTON WITHDRAWAL REPORT: 2001

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1	44.5	46.0	8.0	44.2	43.9	44.3	44.3	41.1	43.0	44.9	50.2	50.0	
2	44.3	46.3	7.9	44.2	43.9	52.0	7.5	45.5	43.0	45.9	50.2	50.0	
3	44.7	48.9	8.8	44.2	43.9	45.1	7.5	45.5	42.9	48.3	50.0	50.0	
4	44.7	50.1	8.0	44.0	43.8	44.1	7.4	45.8	42.9	48.6	50.3	50.0	
5	44.6	46.4	8.0	44.1	43.8	44.3	7.5	45.9	42.9	48.6	50.2	50.0	
6	44.6	45.9	7.9	44.2	46.6	40.3	7.5	46.1	42.6	48.7	49.8	50.0	
7	44.6	44.3	7.0	44.3	43.8	44.3	7.5	45.6	42.7	48.8	50.1	50.0	
8	16.9	44.5	7.7	44.3	43.7	44.1	7.5	45.2	42.9	48.8	50.4	50.0	
9	31.4	44.8	7.7	44.2	43.7	48.8	7.5	39.0	42.9	48.9	50.4	50.0	
10	44.1	50.1	7.7	44.3	43.6	44.4	7.5	43.4	42.7	49.0	50.4	50.0	
11	44.2	50.2	7.7	37.8	43.7	44.1	7.5	43.4	42.8	48.5	50.4	46.7	
12	45.2	46.1	7.6	44.1	43.7	44.0	7.5	43.4	42.8	48.2	50.4	49.4	
13	49.8	44.4	7.5	44.1	45.4	39.8	7.5	43.4	43.1	48.3	49.7	49.9	
14	49.8	44.8	7.4	44.0	42.3	27.5	7.5	41.8	43.1	48.3	49.7	49.9	
15	45.8	44.8	7.6	44.0	43.6	7.5	7.5	43.5	43.1	48.1	49.8	50.0	
16	46.2	44.8	7.7	43.6	43.6	7.4	24.2	32.1	43.1	48.0	49.8	50.0	
17	46.0	43.7	7.7	43.7	46.1	7.4	46.0	43.6	43.1	48.2	49.6	50.0	
18	45.8	50.1	7.7	43.8	43.4	7.5	46.0	43.5	43.1	48.3	49.7	30.1	
19	46.4	44.6	7.7	43.8	43.4	7.6	45.8	43.5	43.2	48.5	49.6	28.5	
20	49.9	44.2	7.7	43.7	43.4	7.6	45.8	43.3	43.0	48.6	49.7	27.0	
21	49.9	44.3	7.2	43.6	40.0	7.6	45.9	43.0	43.2	48.6	49.6	26.9	
22	46.5	44.3	20.0	43.5	38.8	20.9	46.1	43.3	48.4	48.7	49.6	27.0	
23	46.5	44.3	44.4	43.4	35.1	8.6	45.6	43.2	48.6	48.6	49.7	26.9	
24	46.6	44.2	44.2	43.3	43.3	7.1	45.4	43.3	45.3	48.7	49.8	27.2	
25	46.5	44.2	44.2	43.5	46.1	7.4	45.5	43.3	45.2	48.2	49.7	26.9	
26	46.4	44.3	44.3	43.6	48.0	7.8	45.5	43.3	45.0	48.7	49.6	26.8	
27	50.0	44.1	44.1	42.8	48.9	23.2	45.4	43.3	44.9	48.0	50.0	26.9	
28	49.4	35.0	39.0	47.1	44.9	27.4	45.3	43.2	41.9	48.2	49.8	27.1	
29	46.6		42.5	48.4	47.8	28.5	45.7	43.0	48.5	48.3	49.9	27.2	
30	46.3		44.2	45.1	45.8	52.2	45.8	42.9	48.6	48.1	50.0	26.9	
31	46.0		44.2		45.5		45.5	42.7		46.3		27.0	
Tot-MG	1394	1270	573	1319	1364	843	859	1339	1319	1493	1498	1228	14,498
Ave-mgd	45.0	45.3	18.5	44.0	44.0	28.1	27.7	43.2	44.0	48.2	49.9	39.6	39.7
Min-mgd	16.9	35.0	7.0	37.8	35.1	7.1	7.4	32.1	41.9	44.9	49.6	26.8	7.0
Max-mgd	50.0	50.2	44.4	48.4	48.9	52.2	46.1	46.1	48.6	49.0	50.4	50.0	52.2