165 SANTEE RIVER BASIN

## 02153051 GASTON SHOALS RESERVOIR ABOVE BLACKSBURG, SC

LOCATION.--Lat 35°08'15'', long 81°35'53'', Cherokee County, Hydrologic Unit 03050105, attached to the rail on the face of the dam, approximately 100 ft left of the stairs, 5.0 mi northwest of Blacksburg and 5.0 mi northeast of Gaffney.

DRAINAGE AREA.--1,280 mi<sup>2</sup>, approximately.

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Data collection platform. Datum of gage is 505.20 ft above NGVD of 1929 (from Duke Power Company).

REMARKS.--Lake is formed by concrete dam with earth embankments at each end; dam completed 1908. Lake capacity is unknown.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 103.94 ft Sep. 9, 2004; minimum elevation since normal reservoir levels were first reached, 90.42 ft, Oct. 18, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 103.94 ft, Sep. 9; minimum elevation, 91.49 ft, Aug. 3..

Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 DAILY OBSERVATION AT 2400 HOURS

1 97.67 99.74 99.76 99.46 99.52 100.21 99.98 99.80 99.46 99.64 97.30 99.16 2 97.38 99.78 99.49 99.59 99.89 99.76 99.91 99.17 99.79 94.98 99.20 3 97.36 99.88 99.88 99.16 100.42 99.88 99.92 99.97 98.86 98.70 98.03 99.34 4 97.68 98.99 100.24 99.74 100.15 99.86 99.99 99.68 99.49 96.66 98.70 98.73 99.75 100.26 99.39 99.00 99.86 99.99 99.68 99.49 96.66 98.70 98.74 97.69 100.26 99.39 99.00 99.86 99.99 99.68 99.49 96.66 98.70 98.74 97.69 99.77 99.66 100.24 99.08 100.13 99.89 99.81 99.81 99.79 99.66 100.24 99.08 100.13 99.89 99.81 99.81 99.79 99.10 173.30 99.11 100.30 99.28 100.24 99.08 100.13 99.89 99.81 99.79 99.10 173.30 99.10 100.30 99.21 99.00 100.58 98.55 99.49 99.77 99.76 99.03 98.74 99.90 100.30 99.25 100.80 99.77 10.90 100.58 98.55 99.40 99.77 99.97 99.76 99.03 99.03 99.95 10 97.71 99.00 100.58 98.55 99.40 99.74 99.99 99.77 99.00 100.58 98.55 99.40 99.77 99.97 99.77 99.69 11 97.40 98.79 100.30 99.22 98.86 99.89 99.99 99.90 99.80 99.90 99.80 99.90 99.68 99.90 99.20 99.90 99.68 99.90 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69 99.69	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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14       96.98       99.62       100.80       99.06       97.90       99.90       100.39       99.68       100.28       95.06       99.13       95.57         15       96.12       99.83       100.44       99.10       96.80       99.74       99.93       99.51       100.87       97.77       98.66       95.62         16       97.64       99.22       100.35       99.57       97.83       99.90       99.82       100.37       98.74       99.74       95.75         17       97.78       98.81       100.33       99.80       97.52       99.97       99.72       99.69       98.95       99.21       99.03       98.30         18       98.14       99.76       100.20       99.00       96.97       99.68       99.81       98.82       99.21       190.33       98.30         19       97.96       101.44       100.13       99.14       97.91       99.97       99.89       99.87       96.38       99.08       99.02       96.35         20       97.21       100.45       99.80       99.89       99.52       99.90       99.81       99.64       96.38       99.03       98.83       95.99         21       97.	12	97.70	97.69	100.30	99.22	98.86	99.68	99.89	99.92	99.90	98.28	100.11	96.30
15 96.12 99.83 100.44 99.10 96.80 99.74 99.93 99.51 100.87 97.77 98.66 95.62  16 97.64 99.22 100.35 99.57 97.83 99.90 99.82 99.82 100.37 98.74 99.74 95.75  17 97.78 98.81 100.33 99.80 97.52 99.97 99.72 99.69 98.95 99.21 99.03 98.30  18 98.14 99.76 100.20 99.00 96.97 99.96 99.84 99.81 98.82 99.24 100.41 97.06  19 97.96 101.44 100.13 99.14 97.91 99.97 99.89 99.87 96.38 99.08 99.02 96.35  20 97.21 100.45 99.80 99.89 99.52 99.90 99.81 99.64 96.38 99.03 98.83  21 97.81 99.95 99.61 99.88 99.68 99.84 99.69 99.73 98.52 98.64 99.75 95.88  22 99.31 99.85 99.71 99.87 99.56 99.74 99.67 99.72 99.73 98.68 98.81 95.74  23 99.67 99.86 99.65 99.85 99.29 99.86 99.84 99.68 100.38 99.08 98.89 95.24  24 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.27 98.35 99.48 95.62  25 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.77 98.35 99.48 95.62  26 99.87 99.85 99.64 99.87 99.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30  26 99.87 99.85 99.89 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.22 95.11  27 100.02 99.86 99.83 99.90 99.91 99.95 99.65 99.69 100.54 97.85 99.25 95.30  26 99.87 99.85 99.89 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.22 95.11  27 100.02 99.86 99.83 99.90 99.91 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91  29 99.70 99.86 99.82 99.89 99.99 99.99 99.99 99.91 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91  29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27  30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.47 99.53  30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05  31 99.67 99.41 99.59 100.10 99.81 98.87 99.17  MEAN 98.21 99.59 99.00 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 99.79 100.41 103.38  MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38	13	97.40	98.79	100.26	99.24	98.31	99.53	100.82	99.62	99.49	98.64	98.84	95.99
16 97.64 99.22 100.35 99.57 97.83 99.90 99.82 99.82 100.37 98.74 99.74 95.75 17 97.78 98.81 100.33 99.80 97.52 99.97 99.72 99.69 98.95 99.21 99.03 98.30 18 98.14 99.76 100.20 99.00 96.97 99.96 99.84 99.81 98.82 99.24 100.41 97.06 19 97.96 101.44 100.13 99.14 97.91 99.97 99.89 99.87 96.38 99.08 99.02 96.35 20 97.21 100.45 99.80 99.89 99.52 99.90 99.81 99.64 96.38 99.03 98.83 95.99 12 99.80 99.81 99.64 96.38 99.03 98.83 95.99 12 99.81 99.64 96.38 99.03 98.83 95.99 12 99.81 99.64 96.38 99.03 98.83 95.99 12 1 97.81 99.95 99.61 99.88 99.68 99.84 99.69 99.73 98.52 98.64 99.75 95.88 12 99.31 99.85 99.71 99.87 99.56 99.74 99.67 99.72 99.73 98.68 98.81 95.74 12 99.71 99.85 99.65 99.85 99.29 99.86 99.84 99.68 100.38 99.08 98.89 95.24 12 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.77 98.35 99.48 95.62 12 99.71 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30 12 100.02 99.86 99.83 99.90 99.81 99.89 99.69 100.54 97.85 99.22 95.11 12 100.02 99.86 99.82 99.89 99.95 99.65 99.89 99.95 99.75 99.75 99.77 97.91 12 99.87 99.88 99.92 99.89 99.95 99.78 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.79 99.	14	96.98	99.62	100.80	99.06	97.90	99.90	100.39	99.68	100.28	95.06	99.13	95.57
17 97.78 98.81 100.33 99.80 97.52 99.97 99.72 99.69 98.95 99.21 99.03 98.30 18 98.14 99.76 100.20 99.00 96.97 99.96 99.84 99.81 98.82 99.24 100.41 97.06 19.90 97.96 101.44 100.13 99.14 97.91 99.97 99.89 99.87 96.38 99.08 99.02 96.35 20 97.21 100.45 99.80 99.89 99.52 99.90 99.81 99.64 96.38 99.03 98.83 95.99 21 99.31 99.85 99.71 99.87 99.56 99.74 99.67 99.72 99.73 98.68 99.81 99.64 96.38 99.03 98.83 95.99 21 99.31 99.85 99.71 99.87 99.56 99.74 99.67 99.72 99.73 98.68 98.81 95.74 23 99.67 99.86 99.85 99.29 99.86 99.84 99.68 100.38 99.08 98.89 95.24 24 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.77 98.35 99.48 95.62 25 99.71 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30 26 99.87 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30 26 99.87 99.86 99.88 99.91 99.89 99.69 100.54 97.85 99.22 95.11 27 100.02 99.86 99.83 99.90 99.91 99.95 100.03 99.59 97.11 93.09 99.24 95.46 28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.89 99.90 99.91 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27 30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.47 99.53 100.80 99.59 99.75 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 103.38 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38	15	96.12	99.83	100.44	99.10	96.80	99.74	99.93	99.51	100.87	97.77	98.66	95.62
18       98.14       99.76       100.20       99.00       96.97       99.96       99.84       99.81       98.82       99.24       100.41       97.06         19       97.96       101.44       100.13       99.14       97.91       99.97       99.89       99.87       96.38       99.08       99.02       96.35         20       97.21       100.45       99.80       99.89       99.52       99.90       99.81       99.64       96.38       99.03       98.83       95.99         21       97.81       99.95       99.61       99.88       99.68       99.84       99.69       99.73       98.52       98.64       99.75       95.88         22       99.31       99.85       99.71       99.87       99.56       99.74       99.67       99.72       99.73       98.68       98.81       95.88         23       99.67       99.86       99.65       99.85       99.29       99.86       99.84       99.68       100.38       99.08       98.89       95.24         24       99.71       99.85       99.47       99.73       99.86       99.27       98.35       99.48       99.89       99.76       99.76       99.27       98.35													
19 97.96 101.44 100.13 99.14 97.91 99.97 99.89 99.87 96.38 99.08 99.02 96.35 20 97.21 100.45 99.80 99.89 99.52 99.90 99.81 99.64 96.38 99.03 98.83 95.99   21 97.81 99.95 99.61 99.88 99.68 99.84 99.69 99.73 98.52 98.64 99.75 95.88 22 99.31 99.85 99.71 99.87 99.56 99.74 99.67 99.72 99.73 98.68 98.81 95.74 23 99.67 99.86 99.65 99.85 99.29 99.86 99.84 99.68 100.38 99.08 98.89 95.24 24 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.76 99.27 98.35 99.48 95.62 25 99.71 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30   26 99.87 99.85 98.89 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.25 95.30   26 99.87 99.85 99.89 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.25 95.30   26 99.87 99.85 99.89 99.99 99.91 99.95 100.03 99.59 97.11 93.09 99.24 95.46 28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27 30 99.47 99.53 99.88 100.06 99.94 99.95 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17   MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38													
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21 97.81 99.95 99.61 99.88 99.68 99.84 99.69 99.73 98.52 98.64 99.75 95.88 22 99.31 99.85 99.71 99.87 99.56 99.74 99.67 99.72 99.73 98.68 98.81 95.74 23 99.67 99.86 99.85 99.29 99.86 99.84 99.68 100.38 99.08 98.89 95.24 24 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.77 98.35 99.48 95.62 25 99.71 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30 26 99.87 99.88 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.91 99.89 99.89 99.91 99.89 99.89 99.91 99.89 99.89 99.91 99.89 99.89 99.91 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.89 99.8													
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23 99.67 99.86 99.65 99.85 99.29 99.86 99.84 99.68 100.38 99.08 98.89 95.24 24 99.71 99.85 99.64 99.47 99.73 99.85 99.76 99.76 99.27 98.35 99.48 95.62 25 99.71 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30 26 99.87 99.88 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.22 95.11 27 100.02 99.86 99.83 99.90 99.91 99.95 100.03 99.59 97.11 93.09 99.24 95.46 28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27 30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 98.87 99.17 99.81 99.59 99.59 99.65 99.67 99.75 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 98.87 99.17 100.10 99.81 98.87 99.17 100.10 99.81 98.87 99.17 100.10 100.10 99.81 98.87 99.17 100.31 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38													
24       99.71       99.85       99.64       99.47       99.73       99.85       99.76       99.76       99.27       98.35       99.48       95.62         25       99.71       99.85       99.42       98.95       99.05       99.96       99.89       99.69       100.54       97.85       99.25       95.30         26       99.87       99.85       98.89       99.91       99.82       99.84       99.88       99.60       99.79       98.59       99.22       95.11         27       100.02       99.86       99.83       99.90       99.91       99.95       100.03       99.59       97.11       93.09       99.24       95.46         28       100.12       99.85       99.22       99.89       99.95       99.65       99.75       98.42       99.70       99.77       97.91         29       99.70       99.86       99.52       98.89       99.92       99.94       99.92       99.53       98.10       98.39       99.00       96.27         30       99.47       99.53       99.88       100.06        99.94       99.87       99.68       96.60       97.20       99.42       96.05         31													
25 99.71 99.85 99.42 98.95 99.05 99.96 99.89 99.69 100.54 97.85 99.25 95.30   26 99.87 99.85 98.89 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.22 95.11   27 100.02 99.86 99.83 99.90 99.91 99.95 100.03 99.59 97.11 93.09 99.24 95.46   28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91   29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27   30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05   31 99.67 99.41 99.59 100.10 99.81 98.87 99.17   MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31   MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38													
26 99.87 99.85 98.89 99.91 99.82 99.84 99.88 99.60 99.79 98.59 99.22 95.11 27 100.02 99.86 99.83 99.90 99.91 99.95 100.03 99.59 97.11 93.09 99.24 95.46 28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27 30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 98.87 99.17 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100.10 100													
27 100.02 99.86 99.83 99.90 99.91 99.95 100.03 99.59 97.11 93.09 99.24 95.46 28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27 30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38	25	99.71	99.85	99.42	98.95	99.05	99.96	99.89	99.69	100.54	97.85	99.25	95.30
28 100.12 99.85 99.22 99.89 99.95 99.65 99.67 99.75 98.42 99.70 99.77 97.91 29 99.70 99.86 99.52 98.89 99.92 99.94 99.92 99.53 98.10 98.39 99.00 96.27 30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38													
29     99.70     99.86     99.52     98.89     99.92     99.94     99.92     99.53     98.10     98.39     99.00     96.27       30     99.47     99.53     99.88     100.06      99.94     99.87     99.68     96.60     97.20     99.42     96.05       31     99.67      99.41     99.59      100.10      99.81      98.87     99.17        MEAN     98.21     99.59     99.90     99.45     99.21     99.86     99.90     99.75     99.02     98.08     99.06     97.31       MAX     100.12     101.44     100.80     100.06     102.06     100.21     100.82     99.97     100.87     99.79     100.41     103.38													
30 99.47 99.53 99.88 100.06 99.94 99.87 99.68 96.60 97.20 99.42 96.05 31 99.67 99.41 99.59 100.10 99.81 98.87 99.17 MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38													
31 99.67 99.41 99.59 100.10 99.81 98.87 99.17  MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31  MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38					98.89	99.92				98.10			
MEAN 98.21 99.59 99.90 99.45 99.21 99.86 99.90 99.75 99.02 98.08 99.06 97.31 MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38	30	99.47	99.53	99.88	100.06		99.94	99.87	99.68	96.60	97.20	99.42	96.05
MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38	31	99.67		99.41	99.59		100.10		99.81		98.87	99.17	
MAX 100.12 101.44 100.80 100.06 102.06 100.21 100.82 99.97 100.87 99.79 100.41 103.38	MEAN	98.21	99.59	99.90	99.45	99.21	99.86	99.90	99.75	99.02	98.08	99.06	97.31
	MIN		97.69	97.76	98.85	96.80	99.53	99.67	99.51	96.38	93.09	94.98	95.11