

02162100 BROAD RIVER DIVERSION DAM AT COLUMBIA, SC

LOCATION.--Lat 34°02'00'', long 81°04'09'', Richland County, Hydrologic Unit 03050106, at Diversion Dam, 1.7 mi above confluence of Broad and Saluda Rivers, 3.0 mi northwest of Columbia, and at mile 177.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1986 to current year. Records for October 1981 to September 1986 are in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 100.00 ft above NGVD of 1929. Prior to Oct. 1, 1987, at datum 43.02 ft higher.

REMARKS.--Flow is regulated by Parr Shoals Reservoir (see sta. 02160990) and by gates at this station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 62.66 ft, Oct. 15, 1990; minimum gage height, 46.97 ft, Sep. 22, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 60.46 ft, Sep. 11; minimum gage height, 50.90 ft, June 2.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 53.90 | 53.72 | 53.80 | 54.05 | 53.57 | 54.76 | 53.72 | 52.68 | 52.12 | 53.49 | 53.45 | 52.74 |
| 2 | 53.78 | 53.29 | 53.99 | 53.75 | 53.89 | 54.68 | 53.94 | 53.45 | 52.05 | 53.03 | 53.40 | 53.41 |
| 3 | 53.12 | 53.80 | 53.99 | 53.79 | 53.73 | 54.73 | 53.97 | 54.22 | 53.68 | 53.90 | 52.75 | 52.68 |
| 4 | 53.01 | 53.78 | 53.73 | 53.78 | 54.23 | 54.06 | 53.99 | 53.87 | 53.08 | 53.89 | 53.05 | 53.47 |
| 5 | 53.33 | 53.97 | 53.71 | 53.85 | 54.30 | 53.84 | 53.45 | 53.74 | 52.20 | 54.09 | 52.83 | 52.88 |
| 6 | 53.56 | 53.84 | 52.95 | 53.77 | 54.35 | 53.75 | 53.59 | 52.61 | 52.15 | 53.83 | 52.33 | 52.80 |
| 7 | 53.84 | 53.13 | 54.21 | 53.78 | 55.29 | 53.82 | 53.70 | 53.27 | 52.89 | 53.66 | 53.57 | 54.44 |
| 8 | 53.46 | 53.66 | 53.97 | 53.79 | 56.95 | 53.76 | 53.78 | 53.15 | 52.84 | 53.45 | 52.99 | 57.71 |
| 9 | 53.66 | 54.14 | 53.95 | 54.04 | 56.04 | 53.72 | 53.62 | 52.71 | 52.29 | 53.45 | 52.56 | 60.26 |
| 10 | 53.69 | 54.04 | 53.89 | 53.86 | 55.22 | 53.74 | 52.87 | 53.26 | 53.39 | 52.23 | 52.33 | 60.45 |
| 11 | 53.71 | 53.77 | 54.11 | 53.87 | 54.20 | 53.51 | 53.39 | 53.12 | 52.83 | 52.68 | 52.17 | 59.93 |
| 12 | 53.95 | 53.16 | 54.42 | 53.83 | 54.90 | 53.28 | 53.12 | 53.25 | 52.97 | 53.17 | 52.60 | 56.29 |
| 13 | 53.83 | 53.89 | 54.57 | 53.61 | 54.90 | 53.47 | 53.64 | 53.25 | 53.53 | 52.91 | 52.90 | 54.68 |
| 14 | 53.97 | 53.86 | 54.53 | 54.00 | 54.53 | 53.52 | 54.33 | 53.26 | 52.99 | 52.64 | 54.38 | 54.46 |
| 15 | 54.05 | 53.73 | 54.50 | 53.52 | 54.60 | 53.54 | 54.83 | 52.95 | 53.08 | 53.12 | 53.68 | 54.60 |
| 16 | 53.52 | 53.35 | 54.96 | 53.60 | 55.57 | 53.54 | 54.32 | 53.23 | 54.00 | 53.32 | 53.38 | 54.82 |
| 17 | 53.97 | 53.93 | 54.29 | 53.76 | 54.97 | 53.49 | 53.83 | 53.11 | --- | 52.34 | 52.68 | 54.18 |
| 18 | 53.40 | 53.59 | 54.30 | 53.77 | 54.58 | 53.71 | 53.85 | 51.97 | --- | --- | 52.54 | 54.70 |
| 19 | 53.55 | 53.73 | 54.16 | 53.93 | 54.10 | 53.58 | 53.52 | 53.12 | 53.86 | 52.97 | 52.37 | 55.11 |
| 20 | 53.79 | 54.06 | 54.34 | 53.88 | 54.42 | 52.80 | 53.34 | 53.31 | 52.97 | 53.02 | 53.57 | 55.25 |
| 21 | 53.84 | 55.44 | 54.33 | 53.76 | 54.11 | 53.41 | 53.81 | 53.35 | 53.46 | 52.99 | 52.45 | 54.60 |
| 22 | 53.52 | 54.54 | 54.05 | 53.74 | 54.06 | 53.48 | 53.49 | 52.48 | 54.04 | 53.44 | 52.17 | 54.23 |
| 23 | 53.66 | 54.23 | 53.39 | 53.76 | 54.03 | 52.51 | 53.37 | 52.98 | 54.25 | 52.65 | 53.32 | 54.03 |
| 24 | 53.83 | 54.23 | 54.09 | 53.65 | 53.83 | 53.58 | 53.34 | 53.09 | 54.23 | 52.32 | 52.93 | 54.31 |
| 25 | 53.23 | 54.16 | 53.95 | 53.87 | 53.93 | 52.66 | 53.26 | 52.80 | 54.12 | 52.56 | 52.58 | 53.86 |
| 26 | 53.07 | 53.92 | 53.82 | 54.00 | 54.14 | 53.48 | 53.35 | 53.19 | 54.29 | --- | --- | 54.00 |
| 27 | 53.57 | 54.07 | 54.07 | 53.42 | 54.30 | 53.15 | 53.15 | 53.02 | 55.31 | --- | 53.15 | 54.16 |
| 28 | 54.10 | 54.10 | 54.05 | 53.95 | 54.20 | 53.37 | 52.73 | 52.72 | 54.14 | 52.36 | 52.40 | 55.41 |
| 29 | 53.81 | 53.92 | 53.76 | 53.95 | 54.10 | 53.41 | 53.59 | 52.61 | 54.10 | 53.75 | 52.34 | 56.06 |
| 30 | 53.91 | 53.75 | 53.85 | 53.84 | --- | 53.38 | 53.13 | 52.20 | 53.93 | 53.24 | 53.08 | 56.53 |
| 31 | 53.94 | --- | 53.95 | 53.74 | --- | 53.56 | --- | 51.28 | --- | 53.86 | 52.22 | --- |
| MEAN | 53.66 | 53.89 | 54.05 | 53.80 | 54.52 | 53.59 | 53.60 | 53.01 | --- | --- | --- | 55.07 |
| MAX | 54.10 | 55.44 | 54.96 | 54.05 | 56.95 | 54.76 | 54.83 | 54.22 | --- | --- | --- | 60.45 |
| MIN | 53.01 | 53.13 | 52.95 | 53.42 | 53.57 | 52.51 | 52.73 | 51.28 | --- | --- | --- | 52.68 |