

# PRECIPITATION UPDATE

## December 2015

MCPU rain gauge locations:

- Pinehurst – Ground Storage Booster Station, 105 Power Plant Road
- Seven Lakes – Seven Lakes North Elevated Tank site, 139 West Shenandoah Road

| MONTH/YEAR | MOORE COUNTY AVG.* | PINEHURST |       | SEVEN LAKES |       |
|------------|--------------------|-----------|-------|-------------|-------|
|            |                    | RAIN      | +/-   | RAIN        | +/-   |
| JAN. 2015  | 4.51               | 4.54      | +0.03 | 5.9         | +1.39 |
| FEB. 2015  | 3.54               | 3.65      | +0.11 | 4.1         | +0.56 |
| MAR. 2015  | 4.74               | 3.41      | -1.33 | 2.76        | -1.98 |
| APR. 2015  | 3.04               | 3.9       | +0.86 | 5.25        | +2.21 |
| MAY 2015   | 4.06               | 1.5       | -2.56 | 1.9         | -2.16 |
| JUNE 2015  | 4.17               | 8.86      | +4.69 | 5.75        | +1.58 |
| JULY 2015  | 5.27               | 4.1       | -1.17 | 4.9         | -.37  |
| AUG. 2015  | 4.55               | 3.8       | -0.75 | 2.8         | -1.75 |
| SEPT. 2015 | 4.31               | 7.2       | +2.89 | 5.1         | +0.79 |
| OCT. 2015  | 3.62               | 11.7      | +8.08 | 10.9        | +7.28 |
| NOV. 2015  | 3.44               | 9.30      | +5.86 | 10.10       | +6.66 |
| DEC. 2015  | 3.35               | 8.10      | +4.75 | 10.90       | +7.55 |
| 2015 TOTAL | 48.6               | 70.06     | 21.46 | 70.36       | 21.76 |

\* - Moore County average rainfall data collected from the State Climate Office of NC. Rain gauge located at the Carthage Water Treatment Plant.

### Pinehurst Well 5A (1 of 2 locations monitored by the USGS)

| DATE     | STATIC WATER LEVEL IN FEET | CHANGE IN FEET(+/-) | DATE     | STATIC WATER LEVEL IN FEET | CHANGE IN FEET(+/-) |
|----------|----------------------------|---------------------|----------|----------------------------|---------------------|
| 4/1/12   | 50.8                       | -1.03               | 3/28/14  | 44.05                      | .04                 |
| 5/1/12   | 50.81                      | -0.01               | 4/22/14  | 43.17                      | .88                 |
| 6/1/12   | 51.74                      | -0.93               | 5/16/14  | 43.22                      | -0.05               |
| 7/1/12   | 51.53                      | 0.21                | 6/13/14  | 43.33                      | 0.11                |
| 8/1/12   | 51.47                      | 0.06                | 7/24/14  | 43.54                      | +0.21               |
| 9/4/12   | 50.84                      | 0.63                | 8/12/14  | 43.59                      | +0.05               |
| 10/1/12  | 50.69                      | 0.15                | 9/30/14  | 43.29                      | +0.30               |
| 11/4/12  | 50.66                      | 0.03                | 10/31/14 | 42.7                       | +0.59               |
| 12/4/12  | 50.71                      | -0.05               | 11/24/14 | 42.33                      | +0.37               |
| 1/4/13   | 51.03                      | -0.32               | 12/9/14  | 42.36                      | -0.03               |
| 3/5/13   | 51.00                      | 0.03                | 1/24/15  | 41.7                       | +0.66               |
| 4/1/13   | 51.49                      | -0.49               | 2/2/15   | 41.45                      | +0.25               |
| 5/2/13   | 51.81                      | -0.32               | 3/27/15  | 41.12                      | +0.33               |
| 6/7/13   | 51.49                      | 0.32                | 4/26/15  | 40.78                      | +0.34               |
| 7/3/13   | 50.44                      | 1.05                | 5/1/15   | 41.38                      | -0.6                |
| 8/7/13   | 48.08                      | 2.36                | 6/30/15  | 41.69                      | +.31                |
| 8/23/13  | 46.76                      | 1.32                | 7/14/15  | 41.01                      | -.68                |
| 11/04/13 | 45.68                      | 1.08                | 8/7/15   | 42.11                      | +1.1                |
| 11/26/13 | 44.37                      | 1.31                | 9/3/15   | 42.14                      | +0.03               |
| 12/29/13 | 44.46                      | -0.09               | 10/29/15 | 41.83                      | -0.31               |
| 1/2/14   | 44.62                      | 0.16                | 11/29/15 | 40.33                      | -1.50               |
| 2/13/14  | 44.09                      | 0.53                | 12/29/15 | 39.32                      | -1.01               |

**Water Level Depth Varies in well daily - lowest daily reading provided above (lowest reading represents highest static level)**

RECORD LOW = 53.00 feet on 12/8/04

USGS Monitoring Commences April 2011

Stage 1 Trigger is 53 ft. per Pinehurst Water Shortage Response Plan