



Water-Data Report 2010

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)

Northern Atlantic Coastal Plain aquifer system
Peedee Formation
Onslow County, NC

LOCATION.--Lat 34°44'16.8", long 77°24'33.2" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, approximately 0.43 mi southeast of U.S. Highway 17, and 0.11 mi west of Montford Landing Road at Jacksonville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 341 ft, diameter 4 in., cased to 316 ft, screened interval from 316 ft to 336 ft.

DATUM.--Land-surface datum is 20.74 ft above North American Vertical Datum of 1988. Measuring point: top of PVC well casing, 2.34 ft above land surface datum, February 1, 2008 to present.

PERIOD OF RECORD.--February 2008 to current year.

GAGE.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at site.

REMARKS.--Well is part of U.S. Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project. Well redeveloped in August 2009.

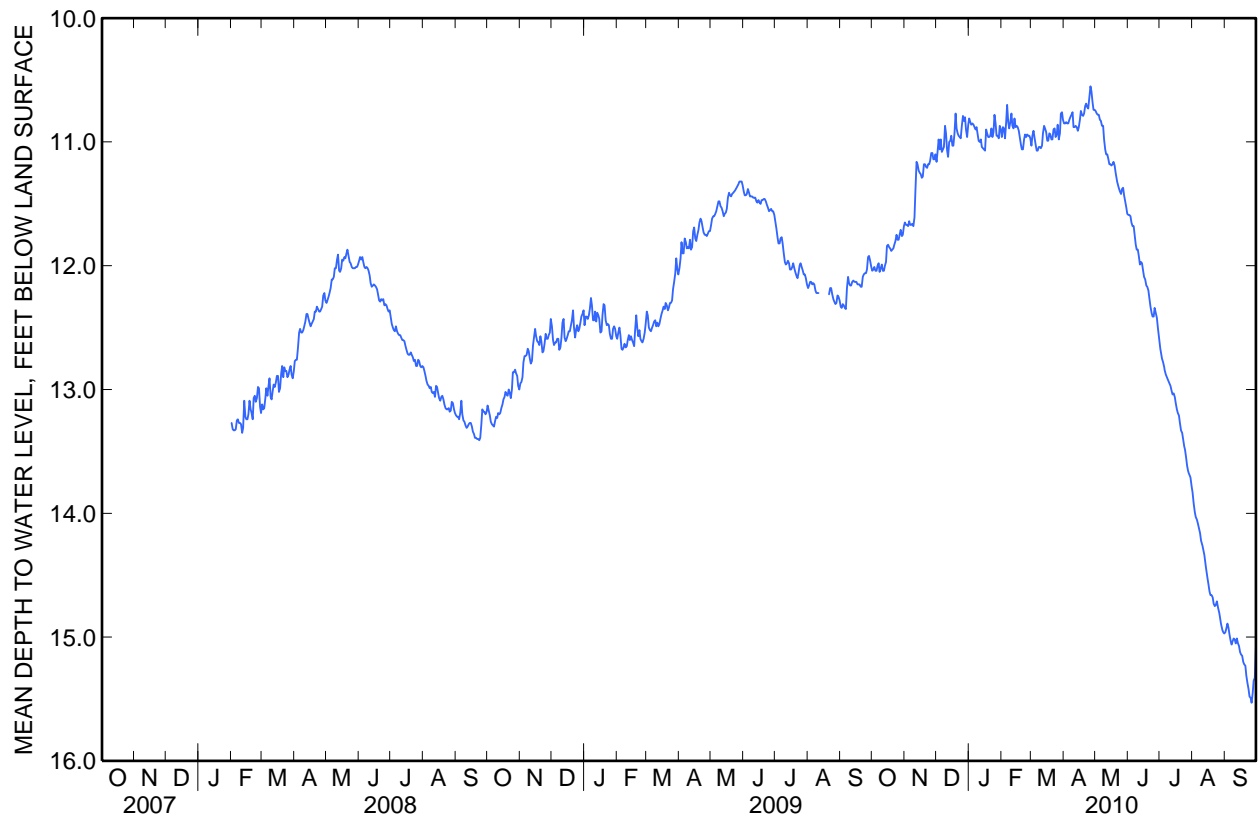
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.53 ft below land-surface datum, April 26, 2010; lowest water level recorded, 15.55 ft below land-surface datum, September 26, 27, 2010.

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 12.04 | 11.65 | 11.16 | 10.81 | 10.96 | 11.03 | 10.85 | 10.75 | 11.59 | 12.64 | 13.83 | 14.96 |
| 2 | 12.03 | 11.67 | 11.07 | 10.84 | 10.88 | 10.95 | 10.85 | 10.77 | 11.59 | 12.71 | 13.92 | 14.93 |
| 3 | 12.01 | 11.67 | 10.98 | 10.86 | 10.89 | 10.91 | 10.84 | 10.78 | 11.60 | 12.75 | 13.99 | 14.89 |
| 4 | 12.04 | 11.68 | 11.06 | 10.85 | 10.97 | 10.97 | 10.85 | 10.78 | 11.65 | 12.78 | 14.03 | 14.92 |
| 5 | 12.04 | 11.64 | 10.98 | 10.86 | 10.84 | 11.02 | 10.85 | 10.82 | 11.68 | 12.82 | 14.05 | 14.98 |
| 6 | 12.00 | 11.67 | 11.08 | 10.88 | 10.70 | 11.07 | 10.82 | 10.83 | 11.68 | 12.86 | 14.08 | 15.03 |
| 7 | 11.98 | 11.67 | 11.06 | 10.90 | 10.84 | 11.07 | 10.80 | 10.87 | 11.75 | 12.89 | 14.12 | 15.06 |
| 8 | 12.05 | 11.66 | 11.04 | 10.88 | 10.89 | 11.04 | 10.78 | 10.87 | 11.83 | 12.91 | 14.16 | 15.03 |
| 9 | 12.02 | 11.68 | 10.87 | 10.94 | 10.84 | 11.04 | 10.76 | 10.98 | 11.87 | 12.93 | 14.22 | 15.01 |
| 10 | 11.99 | 11.61 | 10.93 | 10.99 | 10.77 | 11.05 | 10.88 | 11.06 | 11.87 | 12.95 | 14.26 | 15.02 |
| 11 | 12.04 | 11.39 | 11.07 | 11.00 | 10.87 | 11.03 | 10.88 | 11.10 | 11.93 | 12.97 | 14.29 | 15.05 |
| 12 | 12.04 | 11.16 | 11.12 | 10.98 | 10.89 | 10.93 | 10.87 | 11.10 | 11.99 | 13.01 | 14.32 | 15.01 |
| 13 | 12.00 | 11.18 | 11.00 | 11.04 | 10.81 | 10.87 | 10.88 | 11.14 | 11.97 | 13.04 | 14.38 | 15.05 |
| 14 | 11.97 | 11.23 | 10.99 | 11.05 | 10.88 | 10.89 | 10.91 | 11.18 | 11.98 | 13.03 | 14.47 | 15.07 |
| 15 | 11.84 | 11.25 | 10.95 | 11.06 | 10.87 | 10.92 | 10.88 | 11.18 | 12.04 | 13.06 | 14.52 | 15.12 |
| 16 | 11.83 | 11.26 | 11.03 | 11.07 | 10.88 | 10.99 | 10.82 | 11.19 | 12.09 | 13.11 | 14.57 | 15.14 |
| 17 | 11.85 | 11.29 | 11.03 | 10.90 | 10.91 | 10.99 | 10.75 | 11.18 | 12.11 | 13.16 | 14.63 | 15.15 |
| 18 | 11.86 | 11.28 | 10.93 | 10.93 | 10.96 | 10.93 | 10.78 | 11.16 | 12.16 | 13.19 | 14.66 | 15.20 |
| 19 | 11.88 | 11.18 | 10.77 | 10.96 | 11.02 | 10.94 | 10.79 | 11.19 | 12.17 | 13.21 | 14.66 | 15.22 |
| 20 | 11.87 | 11.18 | 10.89 | 10.96 | 11.06 | 10.98 | 10.77 | 11.25 | 12.20 | 13.27 | 14.68 | 15.23 |
| 21 | 11.86 | 11.20 | 10.93 | 10.95 | 11.06 | 10.98 | 10.71 | 11.31 | 12.26 | 13.33 | 14.73 | 15.31 |
| 22 | 11.83 | 11.21 | 10.95 | 10.89 | 10.98 | 10.90 | 10.69 | 11.34 | 12.33 | 13.35 | 14.75 | 15.37 |
| 23 | 11.80 | 11.18 | 10.96 | 10.96 | 10.94 | 10.89 | 10.72 | 11.37 | 12.38 | 13.40 | 14.74 | 15.42 |
| 24 | 11.75 | 11.18 | 10.97 | 10.92 | 10.96 | 10.96 | 10.73 | 11.40 | 12.41 | 13.46 | 14.71 | 15.48 |
| 25 | 11.79 | 11.15 | 10.87 | 10.78 | 10.94 | 10.94 | 10.64 | 11.42 | 12.41 | 13.50 | 14.76 | 15.49 |
| 26 | 11.79 | 11.09 | 10.79 | 10.85 | 10.95 | 10.86 | 10.55 | 11.38 | 12.34 | 13.56 | 14.80 | 15.53 |
| 27 | 11.75 | 11.09 | 10.83 | 10.95 | 10.95 | 10.98 | 10.59 | 11.37 | 12.38 | 13.62 | 14.84 | 15.45 |
| 28 | 11.71 | 11.14 | 10.80 | 10.95 | 10.97 | 10.93 | 10.68 | 11.43 | 12.42 | 13.67 | 14.89 | 15.35 |
| 29 | 11.76 | 11.14 | 10.90 | 10.97 | --- | 10.77 | 10.74 | 11.48 | 12.50 | 13.69 | 14.94 | 15.33 |
| 30 | 11.75 | 11.10 | 10.96 | 10.87 | --- | 10.76 | 10.74 | 11.53 | 12.58 | 13.71 | 14.96 | 15.08 |
| 31 | 11.68 | --- | 10.86 | 10.90 | --- | 10.82 | --- | 11.58 | --- | 13.78 | 14.97 | --- |
| Mean | 11.90 | 11.35 | 10.96 | 10.93 | 10.91 | 10.95 | 10.78 | 11.15 | 12.06 | 13.17 | 14.48 | 15.16 |
| Max | 12.05 | 11.68 | 11.16 | 11.07 | 11.06 | 11.07 | 10.91 | 11.58 | 12.58 | 13.78 | 14.97 | 15.53 |
| Min | 11.68 | 11.09 | 10.77 | 10.78 | 10.70 | 10.76 | 10.55 | 10.75 | 11.59 | 12.64 | 13.83 | 14.89 |

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued



344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 2008 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 2008 to current year.

WATER TEMPERATURE: January 2008 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry January 2008 to current year.

REMARKS.--Well redeveloped August 2009.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1,550 microsiemens, on many days during the period; minimum recorded, 1,480 microsiemens, on many days during the period.

WATER TEMPERATURE: Maximum recorded, 18.9°C, on many days during the period; minimum recorded, 18.7°C, many days during the period.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1,540 microsiemens, on many days; minimum recorded, 1,530 microsiemens, on many days.

WATER TEMPERATURE: Maximum recorded, 18.9°C, on many days; minimum recorded 18.8°C, on many days.

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|--------------|---------|------|------|----------|------|------|----------|------|------|---------|------|------|
| | October | | | November | | | December | | | January | | |
| 1 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 |
| 2 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 3 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 4 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 5 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 6 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 |
| 7 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 8 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 10 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 11 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 12 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 13 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 |
| 14 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 15 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 16 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 17 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 18 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 19 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 20 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 21 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 22 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 |
| 23 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 24 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 25 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 26 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 27 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 |
| 28 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 29 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 30 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 31 | 18.9 | 18.8 | 18.9 | --- | --- | --- | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| Month | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|--------------|----------|------|------|-------|------|------|-------|------|------|------|------|------|
| | February | | | March | | | April | | | May | | |
| 1 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 2 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 3 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 |
| 4 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 5 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 6 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 7 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 8 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 10 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 |
| 11 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 12 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 13 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 14 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 |
| 15 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.9 |
| 16 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 17 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 18 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 19 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 20 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 21 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 22 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 23 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 24 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |
| 25 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 |
| 26 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 27 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 28 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 29 | --- | --- | --- | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 30 | --- | --- | --- | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 31 | --- | --- | --- | 18.9 | 18.8 | 18.9 | --- | --- | --- | 18.9 | 18.8 | 18.8 |
| Month | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.9 |

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|--------------|------|------|------|------|------|------|--------|------|------|-----------|------|------|
| | June | | | July | | | August | | | September | | |
| 1 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 |
| 2 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 |
| 3 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 |
| 4 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 |
| 5 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 |
| 6 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 |
| 7 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 |
| 8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 |
| 9 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 |
| 10 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 |
| 11 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 12 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 |
| 13 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 14 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 |
| 15 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 |
| 16 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 17 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 18 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 19 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 |
| 20 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 |
| 21 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 22 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 |
| 23 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 |
| 24 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 |
| 25 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 26 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 27 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 28 | 18.8 | 18.8 | 18.8 | 18.9 | 18.8 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 29 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 30 | 18.8 | 18.8 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 | 18.8 |
| 31 | --- | --- | --- | 18.9 | 18.9 | 18.9 | 18.8 | 18.8 | 18.8 | --- | --- | --- |
| Month | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 | 18.9 | 18.8 | 18.8 |

| | Max | Min | Mean |
|-------------|------|------|------|
| Year | 18.9 | 18.8 | 18.9 |

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|---------|-------|-------|----------|-------|-------|----------|-------|-------|---------|-------|-------|
| | October | | | November | | | December | | | January | | |
| 1 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 |
| 2 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 |
| 3 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 4 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 5 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 |
| 6 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 7 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 8 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 |
| 9 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 10 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 11 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 12 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,530 | 1,530 | 1,530 |
| 13 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 14 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 15 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,530 | 1,530 | 1,530 |
| 16 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 17 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 18 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 19 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |
| 20 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,530 | 1,530 | 1,530 |
| 21 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,530 | 1,530 | 1,530 |
| 22 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,540 | 1,530 | 1,530 |
| 23 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,530 | 1,530 | 1,530 |
| 24 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,540 | 1,530 | 1,530 |
| 25 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 26 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 27 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,540 | 1,530 | 1,530 |
| 28 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 29 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,530 | 1,540 | 1,530 | 1,530 |
| 30 | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 | 1,540 | 1,530 | 1,530 |
| 31 | 1,540 | 1,540 | 1,540 | --- | --- | --- | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| Month | 1,540 | 1,540 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,540 | 1,540 | 1,530 | 1,530 |

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | February | | | March | | | April | | | May | | |
| 1 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 2 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 3 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 4 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 5 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 6 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 7 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 8 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 9 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 10 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 11 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 12 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 13 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 14 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 15 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 16 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 17 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 18 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 19 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 20 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 21 | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 22 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 23 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 24 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 25 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 26 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 27 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 28 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 29 | --- | --- | --- | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 30 | --- | --- | --- | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |
| 31 | --- | --- | --- | 1,530 | 1,530 | 1,530 | --- | --- | --- | 1,530 | 1,530 | 1,530 |
| Month | 1,540 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 |

344417077243301 Local number ON-356, MONTFORD POINT AT JACKSONVILLE, NC (PEEDEE)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-----------|-------|-------|
| | June | | | July | | | August | | | September | | |
| 1 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 |
| 2 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 |
| 3 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 |
| 4 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 |
| 5 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 |
| 6 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 7 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 8 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 9 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 10 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 11 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 12 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 13 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 14 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 |
| 15 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 16 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 17 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 18 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 19 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 20 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 21 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 22 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 23 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 24 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 25 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 26 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 27 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 28 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 29 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 30 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 | 1,540 |
| 31 | --- | --- | --- | 1,530 | 1,530 | 1,530 | 1,540 | 1,540 | 1,540 | --- | --- | --- |
| Month | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,530 | 1,540 | 1,530 | 1,540 | 1,540 | 1,540 | 1,540 |

| | Max | Min | Mean |
|------|-------|-------|-------|
| Year | 1,540 | 1,530 | 1,530 |