



Water-Data Report 2010

**352012081154301 Local number GS-289 PASOUR MTN RS REGOLITH WELL, PM-25**

Piedmont and Blue Ridge crystalline-rock aquifers

Regolith

Gaston County, NC

LOCATION.--Lat 35°20'12.50", long 81°15'43.45" referenced to North American Datum of 1983, Gaston County, NC, Hydrologic Unit 03050102, 3.8 mi north of Bessemer City, 5 miles West of Dallas, on the Pasour Mountain Bioremediation Facility. Owner: Gaston County and NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, drilled to 80 ft, diameter 4in., cased to 20 ft, screened interval from 20 to 80 ft, sand filter pack from 17 to 80 ft.

DATUM.--Land-surface datum is 931.78 ft above North American Vertical Datum of 1988. Measuring point: floor of instrument shelter on top of casing, 3.43 ft above land-surface datum, April 2010 to present.

PERIOD OF RECORD.--April 2010 to September 2010.

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

REMARKS.--Well is part of the Catawba-Wateree Drought Monitoring Network.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 27.44 ft below land-surface datum, April 25, 2010; lowest water level recorded, 39.82 ft below land-surface datum, September 30, 2010.

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**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	---	---	---	---	---	---	---	28.07	---	33.39	35.94	38.15
2	---	---	---	---	---	---	---	28.12	---	33.49	36.06	38.18
3	---	---	---	---	---	---	---	28.18	31.34	33.56	36.13	38.21
4	---	---	---	---	---	---	---	28.25	31.43	33.62	36.19	38.28
5	---	---	---	---	---	---	---	28.33	31.49	33.69	36.24	38.36
6	---	---	---	---	---	---	---	28.38	31.51	33.78	36.32	38.44
7	---	---	---	---	---	---	---	28.47	31.66	33.84	36.42	38.51
8	---	---	---	---	---	---	---	28.51	31.77	33.90	36.51	38.53
9	---	---	---	---	---	---	---	28.73	31.82	33.96	36.60	38.57
10	---	---	---	---	---	---	---	28.87	31.87	34.04	36.67	38.63
11	---	---	---	---	---	---	---	28.92	31.98	34.14	36.72	38.69
12	---	---	---	---	---	---	---	28.96	32.06	34.21	36.78	38.76
13	---	---	---	---	---	---	---	29.06	32.08	34.31	36.86	38.84
14	---	---	---	---	---	---	---	29.15	32.13	34.43	36.97	38.90
15	---	---	---	---	---	---	---	29.20	32.23	34.53	37.05	38.96
16	---	---	---	---	---	---	---	---	32.30	34.61	37.12	39.01
17	---	---	---	---	---	---	---	---	32.36	34.70	37.20	39.06
18	---	---	---	---	---	---	---	---	32.45	34.78	37.27	39.14
19	---	---	---	---	---	---	---	---	32.51	34.86	37.31	39.19
20	---	---	---	---	---	---	---	---	32.57	34.96	37.39	39.24
21	---	---	---	---	---	---	27.48	---	---	35.05	37.46	39.32
22	---	---	---	---	---	---	27.55	---	---	35.14	37.51	39.38
23	---	---	---	---	---	---	27.61	---	32.77	35.22	37.57	39.45
24	---	---	---	---	---	---	27.65	---	32.80	35.30	37.63	39.50
25	---	---	---	---	---	---	27.50	---	32.88	35.37	37.72	39.52
26	---	---	---	---	---	---	27.50	---	32.93	35.46	37.79	39.57
27	---	---	---	---	---	---	27.66	---	32.97	35.56	37.87	39.60
28	---	---	---	---	---	---	27.88	---	33.05	35.64	37.94	39.67
29	---	---	---	---	---	---	27.98	---	33.16	35.69	38.02	39.73
30	---	---	---	---	---	---	28.01	---	33.28	35.76	38.08	39.76
31	---	---	---	---	---	---	---	---	---	35.84	38.12	---
<b>Mean</b>	---	---	---	---	---	---	27.68	28.61	32.28	34.61	37.08	38.97
<b>Max</b>	---	---	---	---	---	---	28.01	29.20	33.28	35.84	38.12	39.76
<b>Min</b>	---	---	---	---	---	---	27.48	28.07	31.34	33.39	35.94	38.15

<b>Water Year 2010</b>	
<b>Mean</b>	34.52
<b>High</b>	27.48
<b>Low</b>	39.76

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