

GROUND-WATER LEVELS

JONES COUNTY

345809077301408. Local number, NC-173; DENR Comfort Research Station well U26j8; County number, JO-035.

LOCATION.--Lat 34°58'09", long 77°30'14", Hydrologic Unit 03020204, 2.5 mi south of Comfort at North Carolina Division of Forest Resources Fire Tower on Secondary Road 1003. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 15 ft, diameter 4 in., cased to 5 ft, screened interval from 5 to 15 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at station.

DATUM.--Land-surface datum is 68 ft above NGVD of 1929 (from topographic map). Measuring point: Top of collar on casing, 2.35 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--January 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.06 ft above land-surface datum, Sept. 16, 1999; lowest water level recorded, 10.02 ft below land-surface datum, Sept. 23, 24, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.80	9.48	9.84	9.94	8.48	6.59	3.25	5.40	8.43	8.84	9.46	9.83
2	8.85	9.49	9.84	9.94	8.42	6.40	3.17	5.53	8.49	8.89	9.46	9.79
3	8.89	9.52	9.84	9.94	8.35	5.81	3.25	5.79	8.61	8.95	9.45	9.77
4	8.93	9.58	9.85	9.95	8.27	5.24	3.46	5.81	8.68	9.01	9.45	9.77
5	8.96	9.59	9.86	9.95	8.27	4.96	3.56	5.71	8.73	9.04	9.47	9.77
6	8.98	9.60	9.86	9.94	8.21	4.82	3.70	5.74	8.75	9.02	9.48	9.80
7	9.00	9.61	9.86	9.88	8.10	4.79	3.84	5.81	8.79	9.02	9.50	9.84
8	9.03	9.63	9.86	9.82	7.89	4.83	3.93	5.98	8.82	9.05	9.52	9.87
9	9.05	9.64	9.87	9.78	7.41	4.83	4.05	6.15	8.84	9.07	9.53	9.90
10	9.07	9.66	9.88	9.75	7.06	4.88	4.15	6.38	8.88	9.09	9.55	9.91
11	9.09	9.67	9.89	9.72	6.92	5.01	4.23	6.56	8.91	9.11	9.57	9.92
12	9.11	9.68	9.89	9.70	6.81	4.93	4.32	6.60	8.93	9.11	9.59	9.93
13	9.13	9.69	9.89	9.67	6.77	4.69	4.39	6.62	8.96	9.12	9.61	9.95
14	9.15	9.70	9.88	9.66	6.78	3.40	4.46	6.78	9.00	9.14	9.64	9.95
15	9.18	9.72	9.89	9.63	6.64	3.08	4.60	6.99	8.89	9.16	9.66	9.96
16	9.19	9.73	9.89	9.61	6.52	3.13	4.75	7.10	8.78	9.18	9.68	9.96
17	9.22	9.74	9.90	9.58	6.58	3.27	4.86	7.13	8.73	9.21	9.70	9.96
18	9.24	9.75	9.90	9.56	6.70	3.30	5.01	7.17	8.72	9.23	9.72	9.97
19	9.26	9.77	9.90	9.53	6.64	3.42	5.14	7.23	8.67	9.25	9.74	9.97
20	9.28	9.78	9.90	9.51	6.54	3.45	4.62	7.32	8.63	9.28	9.76	9.99
21	9.30	9.79	9.90	9.49	6.50	2.86	4.20	7.48	8.60	9.31	9.77	10.0
22	9.31	9.80	9.91	9.47	6.51	2.48	4.22	7.61	8.60	9.33	9.80	10.01
23	9.33	9.81	9.91	9.44	6.48	2.58	4.43	7.67	8.58	9.35	9.82	10.01
24	9.34	9.82	9.92	9.41	6.47	2.73	4.54	7.79	8.58	9.37	9.84	10.00
25	9.37	9.82	9.92	9.31	6.45	2.90	4.58	7.99	8.62	9.37	9.86	9.94
26	9.39	9.82	9.92	9.19	6.33	3.01	4.83	8.15	8.68	9.37	9.88	9.87
27	9.41	9.83	9.92	9.06	6.41	3.09	4.92	8.22	8.73	9.38	9.90	9.82
28	9.43	9.83	9.93	8.92	6.56	3.20	4.90	8.28	8.70	9.39	9.91	9.79
29	9.44	9.84	9.93	8.79	---	3.30	5.14	8.31	8.74	9.39	9.92	9.77
30	9.45	9.84	9.93	8.68	---	3.41	5.38	8.29	8.80	9.42	9.91	9.72
31	9.47	---	9.94	8.58	---	3.50	---	8.33	---	9.44	9.88	---

WTR YR 2002 MEAN 8.19 HIGH 2.48 LOW 10.01

JONES COUNTY--Continued

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