

## GROUND-WATER LEVELS

## SWAIN COUNTY

352519083272401. Local number, NC-219; County number, SW-036.

LOCATION.--Lat 35°25'19", long 83°27'24", Hydrologic Unit 06010203, in Bryson City, 0.75 mi southwest of intersection Fontana Dam road and Tuskaseegee River. Owner: Wallace Company of North Carolina.

AQUIFER.--Felsic Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 555 ft, diameter 10 in.

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

DATUM.--Land-surface datum is 1,719.00 ft above sea level (Levels by DENR). Measuring point: Top of instrument shelf, 6.90 ft above land-surface datum.

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

PERIOD OF RECORD.--August 2000 to current year. Records from February 1965 to March 1999 are unpublished and available in the files of the Groundwater Section, DENR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.91 ft below land-surface datum, Jan. 19, 2001; lowest water level recorded, 7.31 ft below land-surface datum, Nov. 4-7, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.69	7.29	6.54	6.50	5.76	4.79	5.19	5.96	6.02	5.51	5.31	6.25
2	6.73	7.30	6.59	6.54	5.73	4.85	5.18	5.99	5.67	5.69	5.50	6.15
3	6.79	7.30	6.68	6.55	5.83	4.91	5.25	6.04	5.85	5.87	5.65	6.04
4	6.81	7.31	6.76	6.59	5.96	4.84	5.05	6.07	5.98	5.95	5.59	5.86
5	6.84	7.31	6.62	6.60	6.01	4.92	5.08	6.10	6.08	6.04	5.63	6.03
6	6.89	7.31	6.58	6.62	5.95	4.95	5.23	6.10	6.13	6.07	5.72	6.09
7	6.97	7.29	6.52	6.73	6.00	5.04	5.31	6.14	6.17	6.21	5.77	6.18
8	7.06	7.24	6.51	6.72	6.05	5.09	5.39	6.20	6.06	6.27	5.73	6.26
9	7.11	6.38	6.54	6.64	6.11	5.16	5.46	6.24	5.92	6.22	5.82	6.25
10	7.04	5.18	6.70	6.73	6.02	5.22	5.52	6.26	6.07	6.20	5.90	6.28
11	7.06	5.62	6.77	6.69	6.12	5.31	5.58	6.30	6.15	6.23	5.77	6.22
12	7.02	5.90	6.65	6.67	6.16	5.31	5.57	6.22	6.23	6.29	5.79	6.28
13	7.10	6.12	6.63	6.73	6.08	5.13	5.45	6.31	6.29	6.37	5.68	6.33
14	7.11	6.27	6.29	6.78	5.72	5.23	5.32	6.36	6.35	6.48	5.67	6.43
15	7.17	6.39	6.30	6.80	5.43	5.14	5.34	6.41	6.38	6.56	5.78	6.53
16	7.19	6.42	6.23	6.71	5.22	4.98	5.26	6.46	6.31	6.62	5.87	6.59
17	7.20	6.36	5.62	6.72	4.62	5.09	5.33	6.50	6.39	6.67	5.93	6.65
18	7.23	6.45	5.67	6.55	4.67	5.22	5.26	6.53	6.48	6.69	6.00	6.68
19	7.16	6.49	5.80	4.92	4.84	5.21	5.26	6.47	6.54	6.72	6.10	6.69
20	7.22	6.47	5.93	4.14	4.98	5.20	5.44	6.44	6.61	6.65	6.16	6.54
21	7.24	6.34	5.84	4.60	5.12	5.11	5.53	6.48	6.64	6.59	6.23	6.58
22	7.24	6.28	5.84	4.97	5.04	5.14	5.61	6.45	6.51	6.66	6.27	6.42
23	7.25	6.37	6.01	5.12	4.97	5.18	5.68	6.25	6.35	6.73	6.33	6.38
24	7.26	6.58	6.10	5.29	5.07	5.18	5.67	6.33	6.54	6.78	6.34	6.07
25	7.26	6.57	6.26	5.42	4.82	5.26	5.71	5.74	6.63	6.61	6.33	5.64
26	7.24	6.39	6.38	5.50	4.33	5.33	5.69	5.52	6.37	6.38	6.19	5.96
27	7.25	6.52	6.29	5.60	4.46	5.45	5.72	5.83	6.27	6.53	6.33	6.19
28	7.27	6.48	6.27	5.77	4.68	5.51	5.72	5.96	6.17	6.59	6.39	6.34
29	7.28	6.41	6.35	5.84	---	5.42	5.71	5.99	6.32	5.54	6.51	6.47
30	7.28	6.47	6.41	5.57	---	5.09	5.90	6.08	6.09	4.56	6.44	6.56
31	7.29	---	6.43	5.64	---	5.09	---	6.17	---	5.06	6.43	---

WTR YR 2001 MEAN 6.09 HIGH 4.14 LOW 7.31

SWAIN COUNTY--Continued

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