STATION (Climatological)	(River Station, if different)	MONTH	19 97
Asheville		April	

STATE	COUNTY	RIVER
N. C.	Buncombe	

TIME (local) OF OBSERVATION ~~RIVER~~	TEMP.	PRECIPITATION	STANDARD TIME IN USE
24:00 Midnight	24 Mid.	24 Mid.	Eastern

TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO Ft.	FLOOD STAGE Ft.	NORMAL POOL STAGE Ft.

WS FORM B-91
(12-93)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	37° AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (Ins. and hundredths)	Snow, ice pellets, (Ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (Ins.)	WEATHER (Calendar day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	54	32	38	0	0	0						X					Strong NW winds continued from late on March 31 breaking some limbs from trees.
2	66	31	44	0	0	0											⦶ cirrus with visbies 70+ miles midday. RH down to 10%.
3	73	35	50	0	0	0											Frost and lows in the upper 20s in rural areas.
4	76	40	61	0	0	0											⦶ ci Cs a.m.; ⦶ Ac ⊕ Ci Cs p.m.
5	74	57	58	0	0	0											⦶ Acl ⦶ Ac ⦶ ci daylight period. windy afternoon.
6	68	57	57	.78	0	0				X							TB 07:06 south / TE 09:15 SE / ⦶ low clouds afternoon
7	60	42	42	0	0	0											clear a.m. with 70+ mile visbies, winds NNW 18 G 30+ mph.
8	61	36	48	0	0	0											⦶ ci visby 55 miles wind NNW 12 G 20 midday.
9	54	34	34	0	0	0											clear visby 45 ∞ – ⌐ wind 330 / 14 G 26 noon.
10	63	28	46	0	0	0											clear a.m., ⦶ Ac afternoon
11	67	36	54	0	0	0											⦶ frost in most rural valley areas
12	66	52	57	.53	0	0											Rain light to moderate intensity a.m.
13	57	34	34	0	0	0											partly cloudy in low clouds a.m.; clear midday, ⦶ SC late afternoon.
14	58	31	39	0	0	0											⦶ cirrus vis. 40 miles ⌐ ∞ a.m.; winds NNW 10-16
15	65	32	46	0	0	0											clear a.m., visby 35 miles ⌐ ∞ wind NNW 7
16	72	37	50	0	0	0											clear visby 40 ∞ wind SE 6 a.m.
17	52	33	33	T	T	0											⦶ FC visby 40 miles a.m.; wind NNW 15 G 30 mph
18	52	31	44	T	T	0						X					windy 35 to 45+ mph gusts afternoon; some broken limbs and small trees; direction was NNW.
19	53	39	45	.07	0	0											Ice pellets reported 8 miles west early a.m.
20	66	40	47	0	0	0											still windy a.m.
21	69	42	53	.38	0	0				X							Mostly sunny day.
22	71	52	52	.61	0	0				X							TB 20:55 SW / TE 21:50 dist SE / TB 22:12 ESE / TE 23:00 dist SE / TB 16:48 ovhd / TE 17:03 east — Mammatus clouds NW mid. afternoon.
23	52	41	41	.81	0	0											Visby 2½ miles R and fog a.m. and midday.
24	59	41	44	0	0	0											⦶ SC Cu visby 25 ∞ ⌐ wind NNW 15 G 25 midday.
25	65	39	46	0	0	0											Skies ⊕ Ac a.m.; ⦶ cu sc ⦶ ci p.m.
26	56	40	46	.05	0	0											⊕ dense cirrus a.m.; ⊕ Sc and R- late night.
27	53	45	51	.20	0	0											Fog and low clouds with R- midday → dark.
28	69	50	53	.48	0	0				X							TB 07:14 SE / TE 07:48 N / Fog a.m.
29	68	49	57	.06	0	0											⦶ FC ⦶ cu fractus ⊕ Sc wind ENE 10-17 a.m.
30	72	54	62	0	0	0											⦶ cu ⦶ Ac visby 20 ∞ wind SSE 17 G 27 p.m.
31																	
SUM	1891	1210	SUM	3.97	T												⊕ 4th time in 96 years that the April mean temp was lower than March mean temp. The 3 previous events occurred in 1907, 1918 and 1921.
				.81	T	0	Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds					

Note: All times referenced at this station remain Eastern Standard all year. G.W.G.

CONDITION OF RIVER AT GAGE
Normal precip. = 3.12"
A. Obstructed by rough ice.
B. Frozen, but open at gage.
C. Upper surface of smooth ice.
D. Ice gorge above gage.
E. Ice gorge below gage
F. Shore ice.
G. Floating ice.
H. Pool stage.

CHECK BAR (For wire-weight) NORMAL CK. BAR

READING	DATE
Ext. Max. 76°	Ext. Min. 28°
Avg. Max. 63.0°	Avg. Min 40.3°
Mean ⊕ 51.7°	
Normal 55.6°	Departure – 3.9°

OBSERVER: Grant W. Goodge

SUPERVISING OFFICE: Greer, S.C. WFO

STATION INDEX NO.: 31-0301-1