WS FORM B-91
(7-89)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological): Asheville (River Station, if different:)
MONTH: August 19 97
STATE: N.C.
COUNTY: Buncombe
RIVER:
TIME (local) OF OBSERVATION: 24:00 Midnight
TEMP.: 24 Mid.
PRECIPITATION: 24 Mid.
STANDARD TIME IN USE: Eastern
TYPE OF RIVER GAGE:
ELEVATION OF RIVER GAGE ZERO: Ft.
FLOOD STAGE: Ft.
NORMAL POOL STAGE: Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	62° 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.)	Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. / NOON / P.M.)	WEATHER (Calendar Day) Mark 'X' for all types occurring each 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	83	*51	62	.00	0	0												* New record min for the date, old record was 54° set in 1905. Fog below station a.m.
2	86	53	65	0	0	0												Fog below station again this a.m.; ⦶ to ⦶ ci p.m.
3	89	56	67	0	0	0												clear a.m.; ⦶ ci p.m.
4	86	60	66	.05	0	0					X							TB 16:40 dist W, TE 17:57 west
5	80	60	60	.01	0	0					X							Sky partially obscured visby 6 in dense haze a.m. TB 13:30 west TE 14:15 WSW
6	79	54	65	0	0	0		X										⦶ cu ⊕ cs with a good 22° halo midday.
7	77	61	63	0	0	0												Note: 0.45" measured 5 miles NE 16:30–17:30
8	77	59	67	0	0	0		X										⦶ to ⦶ sc ⊕ as a.m.; ⦶ large TCU p.m.
9	75	61	61	0	0	0												visby 3 miles fog a.m.; ⦶ cu TCU ⦶ ACC ⦶ dense ci p.m.
10	79	59	66	T	0	0												Mostly cloudy all day
11	85	63	70	.03	0	0												Drizzle after daybreak
12	87	66	70	0	0	0		X										visby 2½ miles fog a.m.; RW p.m.
13	86	62	62	0	0	0												Fog and low stratus a.m. visby 3 miles.
14	87	62	70	0	0	0												⊕ stratus visby 6 miles ∞ a.m.
15	89	64	71	.25	0	0												⦶ stratus visby 6 miles ∞ a.m.
16	91	66	75	0	0	0												RW's afternoon
17	92	67	76	0	0	0					X							clear a.m.; ⦶ to ⦶ TCU p.m.
18	85	67	67	.01	0	0												TB 14:20 NNW TE 14:38 NNW; Lightning observed NE 20:05–20:22.
19	87	62	74	0	0	0												RW-a.m.; ⦶ cu ⦶ ci visby 40 miles midday.
20	82	67	67	.05	0	0												⦶ cu ⦶ ACC ⦶ ci visby 20 ∞ a.m.
21	78	62	62	0	0	0												R-a.m.; RW-- midday. Lightning dist NNW 22:20–22:38
22	73	56	56	0	0	0												⦶ cu visby 35 miles ∞ midday.
23	76	48	56	0	0	0		X										⦶ cu visby 45 miles light haze, wind 330 12G20
24	81	50	60	0	0	0												Fog a.m.
25	80	54	63	T	0	0												clear a.m.; few TCU ⦶ cirrus midday
26	85	57	66	0	0	0												RW-- midday;
27	87	61	68	0	0	0												Shallow ground fog below station a.m.
28	85	61	67	T	0	0												Few TCU over Mtns midday
29	86	61	66	0	0	0		X										RW-- midday; mostly cloudy alto stratus p.m.
30	86	60	70	0	0	0												Sky obscured visby ¾ fog a.m.
31	88	64	67	0	0	0		X			X							clear a.m.; ⦶ TCU p.m. TB 16:10 NNE TE 16:39 dist NE; fog a.m.
SUM	2587	1854	SUM	*0.40	0			Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds					* 2nd driest August in 96 year P.O.R. Driest was 0.22" in 1925.
				0.25	0	0												

CONDITION OF RIVER AT GAGE
61-90 Normal-3.76"
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 92°	Ext. Min 48°
Mean Max 83.5°	Mean Min 59.8°
Mean 71.7°	
Normal 72.8°	Departure -1.1°

OBSERVER: Grant W. Goodge

SUPERVISING OFFICE: GSP WFO

STATION INDEX NO.: 31-0301-1