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: Sept. 19 97
STATE: N. C.
COUNTY: Buncombe
RIVER:
TIME (local) OF OBSERVATION RIVER: 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.

Note: 1/4" to 3/4" diameter hail covered the ground in several areas along I-40 in West Buncombe County mid-afternoon on the 11th.

* New record min temp for the date; the old record was 47° in 1967

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	67° 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	87	64	68	1.08	0	0	X			X							TB 13:53 ovhd | TB 14:33 NNW | street flooding TE 14:12 East | TE 15:20 13:55-14:10
2	86	65	67	.04	0	0	X			X							TB 15:43 SSW TE 16:20 dist SSW | visby 3/4 in fog a.m.
3	77	55	55	.03	0	0	X										
4	76	47	51	0	0	0	X										Visby 1/4 mile Ft a.m.; RW- p.m.
5	80	*44	60	0	0	0											visby 2 miles Fog a.m.; clear visby 50 miles p.m.
6	83	51	62	0	0	0	X										Fog below station along the French Broad River
7	83	55	64	0	0	0											Fog was shallow a.m.; Clear late a.m.
8	84	58	68	0	0	0											Fog below station a.m. clear above
9	76	64	64	.06	0	0				X							11:24 ⦶ cu ⊕ ci visby 8 miles wind NNW 12
10	72	57	57	1.14	0	0	X			X							TB 28:47 South 11:29 Sky partially obscured in dense haze (6 miles).
11	76	55	55	.04	0	0	X			X							TE 00:05 ovhd SE | TB 13:02 TE 13:17 NE | TB 17:38 WSW TE 19:00 dist SE
12	82	53	60	0	0	0	X										TB 14:38 WSW TE 15:34 dist ESE | 09:23 visby 2 1/2 miles fog.
13	82	54	63	0	0	0	X										visby 1/4 mile in dense fog a.m.; ⦶ TCu midday
14	83	56	61	0	0	0	X										Fog a.m.
15	81	56	61	0	0	0	X										Fog a.m.
16	84	56	63	0	0	0											Ft 1/4 mile visibility a.m.
17	85	58	67	.01	0	0	X										Fog below station level, along the F. B. River
18	85	64	64	0	0	0											visibility 1 1/2 miles Fog a.m.; visby 4 miles
19	87	58	63	0	0	0											12:24 ⦶ AC ⊕ dense ci, visby 6 00+ in dense haze p.m.
20	85	57	66	.08	0	0				X							12:08 ⦶ cu ⦶ ci visby 15 miles, wind NNW 7-12 TB 17:03 NE TE 17:28 ENE
21	66	61	61	T	0	0											12:18 ⊕ SC visby 40 light haze, wind east 15-20.
22	67	57	59	0	0	0											11:24 - ⊕ SC visby 45 light haze, wind east 15
23	81	58	64	.11	0	0											17:45 ⦶ AC ⊕ As Cs visby 12 R- haze
24	64	54	54	2.81	0	0				X							TB 00:55 NE; TE 02:45 dist ENE Low clouds and rain most of the day.
25	71	53	62	.09	0	0											visbies excellent (70+ miles) a.m.
26	71	56	60	0	0	0											⦶ low stratus a.m.; ⦶ AC midday
27	73	58	61	0	0	0											low ⊕ late p.m.
28	63	58	58	.43	0	0											15:12 ⦶ FC ⊕ NS visby 6 miles light drizzle
29	71	54	55	0	0	0											10:09 Few fractocu visby 70+ miles; wind NNW 15G26
30	75	55	62	0	0	0											partly cloudy visbies 70+, winds 17G30 mph
31																	
SUM	2336	1691	SUM	5.92	0												
				2.81	0	0											

Draw a straight line (——) through hours precipitation was observed, and a waved line (∿∿) through hours precipitation probably occurred unobserved.

Mark 'X' for all types occurring each day.

CONDITION OF RIVER AT GAGE: 61-90 Normal 3.20"

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. 87°	Ext. Min. 44°
Avg. Max 77.9°	Avg. Min. 56.4°
Mean 67.2°	
Normal 66.7°	Departure +0.5°

OBSERVER: Grant W. Goodge

SUPERVISING OFFICE: GSP WFO

STATION INDEX NO.: 31-0301-1