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: May	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.)	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	76	53	53	0	0	0											07:34 ⦶ cu ⦶ cu ⦶ ci vis 12 miles, wind SSE 8
2	72	43	56	.24	0	0				X							TB22:18 12S dist. TB22:43 SE TB 23:30 SSE
3	72	48	48	.94	0	0				X							TE 22:33 TE22:58 SE
4	59	44	45	T	0	0											TE 00:28 dist ESE TB 03:08 SE TB 06:57 dist S TE 04:20 South TE 07:46 ESE
5	71	37	55	0	0	0											⦶ to ⦶ cu, SC a.m.; ⦶ ci p.m.; cool & windy
																	Frost and freezing temps in low lying rural areas.
6	72	50	53	.01	0	0											Partly cloudy breezy most of the day.
7	73	44	52	0	0	0											Minimum temperatures in rural areas 35° to 38°
8	71	45	58	.05	0	0											⦶ in Ac ⦶ ci vis 30 miles, wind SSE 18 G30 midday.
9	69	44	45	.05	0	0											⦶ cu ⦶ Ac wind NNW 5-15 midday.
10	60	42	46	0	0	0											partly cloudy & windy a.m. → midday.
11	73	37	49	0	0	0											clear a.m. with patches of shallow ground fog
12	71	44	52	0	0	0											below station.
13	65	41	41	T	0	0						X					⦶ Sc Cu ⦶ ci visibies 30 miles all day.
14	75	36	61	0	0	0											High based TCu with virga produced strong winds (estimated 50-65 mph) broke limbs and trees and caused power outages in North Asheville.
15	70	43	43	0	0	0											Frost on some roofs in city, also frost in outlying valleys.
16	62	37	45	0	0	0											⦶ ragged cu ⦶ ci WNW-NW; windy afternoon
17	78	* 37	55	0	0	0											Frost in rural valleys a.m.
18	83	47	64	0	0	0											* New record min temp for the date, previous record was 38° in 1984
19	82	56	65	.29	0	0											⦶ AcL ⦶ Acc ⦶ ci, wind light & variable midday.
20	75	57	57	.11	0	0											Partly cloudy and hazy most of the day.
21	69	49	49	0	0	0											Fog a.m., ∞ p.m.
22	72	43	54	0	0	0											⦶ cu ⦶ Cs Ci midday
23	79	45	60	0	0	0											partly cloudy in cu, As Ci midday.
24	77	53	64	0	0	0											partly cloudy in ci and few cu, a.m. and p.m.
25	72	63	65	.04	0	0											
26	77	61	63	0	0	0											RW - a.m.
27	63	53	53	.04	0	0											⦶ Ac ⦶ dense ci p.m.
28	60	50	52	.06	0	0											⦶ Stratus and SC most of day; East winds 15-25
29	* 56	49	54	.06	0	0											⦶ low clouds ⦶ As and ESE winds 17G28 most of day.
30	63	54	61	.13	0	0											* New low max temp for the date, previous record 58° 1971; low stratus and drizzle and R- most of day.
31	73	60	61	.46	0	0											⦶ Stratus ⦶ SC a.m.; ⦶ FS ⦶ AC ⦶ dense ci p.m.
										X							TB 21:30 dist ESE TE 22:00 dist East
SUM	2190	1465	SUM	2.48	0												* 5th coolest May in 95 year station record, coolest May was 57.0° in 1917.
				.94	0	0											

CONDITION OF RIVER AT GAGE

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	83°	Ext. Min	36°
Avg. Max	70.6°	Mean Min	47.3°
Mean	* 59.0°		
Normal	63.4°	Departure	−4.4°

OBSERVER: Grant W. Goodge

SUPERVISING OFFICE: Greer, SC WFO

STATION INDEX NO.: 31-0301-1