STATION (Climatological)	(River Station, if different)	MONTH	
Boulder		Oct	2017

STATE	COUNTY	RIVER
CO	Boulder	

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	17:00	17:00	

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

WS FORM B-91
(03-09)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE 24 HRS ENDING AT OBSERVATION MAX	MIN	AT OBSN	PRECIPITATION 24 HR AMOUNTS Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins.and tenths)	AT OB Snow, ice pellets, hail ice on ground (in)	Draw a straight line (-------) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved — A.M. 1 2 3 4 5 6 7 8 9 10 11	NOON	P.M. 1 2 3 4 5 6 7 8 9 10 11	WEATHER (Observation Day) Mark 'X' for all types occurring each day: Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above	RIVER STAGE Condition	Gage reading at ___ AM	Tendency	REMARKS (SPECIAL OBSERVATIONS, ETC.)
1	68	50	58	0.04	0.0	0		– – –	–				X							
2	58	37	38	1.12	0.0	0	– – – – – – – – – ~		~ – – – – – – – – ~											Calendar Day MAX 48, Daytime MAX 42
3	55	32	51	0.04	0.0	0														Heavy morning frost.
4	68	37	59	0.00	0.0	0														Light morning frost
5	69	43	54	0.00	0.0	0														
6	69	45	54	0.00	0.0	0														
7	77	48	71	0.00	0.0	0														
8	71	44	52	0.00	0.0	0			– – – – –											Daytime MAX 64 after weak 0740 frontal passage.
9	52	31	36	0.92	6.0	4	– – ~ ~ – – – – – – – – ~													Daytime and 00-24h MAX: 42
10	56	25	46	0.00	0.0	T														
11	70	31	52	0.00	0.0	0														Heavy morning frost
12	78	40	57	0.00	0.0	0	1 2 3 4 5 6 7 8 9 10 11		1 2 3 4 5 6 7 8 9 10 11											
13	63	34	51	0.00	0.0	0														
14	61	35	44	0.00	0.0	0														
15	62	27	61	0.00	0.0	0														
16	73	36	71	0.00	0.0	0														
17	79	37	75	0.00	0.0	0														
18	77	55	55	0.00	0.0	0														Overnight MIN 55. Vertically propagating wave-in
19	75	38	68	0.00	0.0	0														
20	78	46	63	0.00	0.0	0														
21	66	35	37	0.00	0.0	0														Overnight MIN est 40 with west wind and cold adv
22	70	32	63	0.00	0.0	0	1 2 3 4 5 6 7 8 9 10 11		1 2 3 4 5 6 7 8 9 10 11											Quasi-parallel mode vave clouds. Peak gusts: nc
23	64	40	41	0.00	0.0	0														Peak gusts: 56,28mph @ 0030,0450; Rocky Flats=53
24	63	29	53	0.00	0.0	0														
25	85	42	71	0.00	0.0	0														West wind gusting 45 Kt at observation
26	71	31	32	0.11	1.3	1			– – – – – – – –											
27	44	20	41	0.03	0.3	0														
28	60	34	58	0.00	0.0	0														
29	74	40	58	0.00	0.0	0														FROPA ~1640
30	58	28	31	0.14	0.2	T	~ – – – – – – – – – – ~					X								thin glaze of ZL, daytime max 32, calendar day m
31	52	26	51	0.02	0.2	0	~ ~ ~ –													
	66.6	36.4	SUM	2.42	8.0					Fog	Ice pel	Glaze	Thund	Hail	Dam winds					

CHECK BAR (for wire weight) **NORMAL CHECK BAR**

READING	DATE

CONDITION OF RIVER AT GAGE

A. Obstructed by rough ice
B. Frozen, but open at gage
C. Upper surface smooth ice
D. Ice gorge above gage
E. Ice gorge below gage
F. Shore ice
G. Floating ice
H. Pool stage

OBSERVER
Closed by John Brown and Matt Kelsch (bouc2) on 01 Nov 2017 08:03AM

SUPERVISING OFFICE
BOU Denver

STATION INDEX NO.
05-0848-04