

STATION (Climatological) Boulder		(River Station, if different)		MONTH Nov 2011		WS FORM B-91 (03-09)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE			
STATE CO			COUNTY Boulder		RIVER						
TIME (local) OF OBSERVATION RIVER			TEMPERATURE 17:00	PRECIPITATION 17:00	STANDARD TIME IN USE						
TYPE OF RIVER GAGE		ELEVATION OF RIVER GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE					

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			PRECIPITATION						WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)																				
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS		Draw a straight line (-----) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved A.M. NOON P.M.						Mark 'X' for all types occurring each day						Condition		Gage reading at __ AM	Tendency																		
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and tenths)	Snow, ice pellets, hail on ice on ground (in)	1	2	3	4	5	6	7	8	9	10	11					1	2	3	4	5	6	7	8	9	10	11	Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above
1	59	37	40	T	0.0	T																										Calendar Day MAX ~43. Thunder ~ 1820-1845							
2	40	22	22	0.94	8.6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Daytime MAX 35							
3	47	15	28	0.00	0.0	4																										Amazing hoarfrost in morning							
4	60	24	40	0.00	0.0	2																										Very shallow morning cold air.							
5	53	34	47	0.00	0.0	T																										Pcpn SE at ob.							
6	48	26	43	0.00	0.0	T																										NW gusts >50 mph ML							
7	44	27	37	0.00	0.0	T																																	
8	45	24	32	0.00	0.0	0																																	
9	46	20	33	0.00	0.0	T																																	
10	63	25	47	0.00	0.0	0																																	
11	61	37	49	0.00	0.0	T																																	
12	60	41	51	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				69 mph gust ML							
13	57	36	50	0.00	0.0	0																											gust to 89.5 mph ML ~2230 12 Nov.						
14	56	36	46	0.03	0.0	0																																	
15	54	40	46	0.00	0.0	0																																	
16	46	15	25	0.00	0.0	0																											Daytime MAX est 42						
17	59	21	49	0.00	0.0	0																											Weak downslope; clouds induced by vertically-pro						
18	67	41	52	0.00	0.0	0																											Cold front passed just before 2400. Clouds from						
19	52	26	37	0.00	0.0	0																											Daytime MAX 44						
20	44	20	32	0.00	0.0	0																																	
21	52	25	37	0.00	0.0	0																																	
22	58	32	50	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				Clouds induced by vertically propagating waves,							
23	68	42	59	0.00	0.0	0																											predawn wind gusts 60mph						
24	69	39	50	0.00	0.0	0																																	
25	56	42	42	0.00	0.0	0																																	
26	42	22	29	0.01	T	0																											Calendar Day MAX 40						
27	60	21	55	0.00	0.0	0																																	
28	62	40	50	0.00	0.0	0																											predawn 66 mph wind ML						
29	56	27	39	0.00	0.0	0																																	
30	64	34	48	0.00	0.0	0																											Downslope overnight: ncar-ml,fl = 50,13mph @ 053						
31																																							
	54.9	29.7	SUM	0.98	8.6	X	CHECK BAR (for wire weight) NORMAL CHECK BAR																				Fog	Ice pel	Glaze	Thund	Hail	Dam	winds	X	X	X			
CONDITION OF RIVER AT GAGE						READING				DATE				OBSERVER Closed by John Brown and Matt Kelsch (bouc2) on 01 Dec 2011 09:06AM																									
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			SUPERVISING OFFICE BOU Denver																				STATION INDEX NO. 05-0848-04													