

Issued 143 am MST Thurs. Jan 19, 2012
DISCUSSION...

HEAVY SNOW CONTINUES IN THE WESTERN MOUNTAINS WITH STRONG WIND...PARTICULARLY ALONG EXPOSED RIDGES. UP TO A FOOT OF SNOW HAS FALLEN IN MANY AREAS WITH 18 INCHES AT FAVORED LOCATIONS IN THE TETONS. ADDITIONAL SIGNIFICANT ACCUMULATION IS EXPECTED TODAY WITH ANOTHER 1 TO 2 FEET POSSIBLE BY EARLY FRIDAY. SNOW WILL THEN TAPER OFF TO LIGHT SNOW DURING THE DAY FRIDAY BEFORE ANOTHER PACIFIC STORM SYSTEM MOVES IN LATE FRIDAY/EARLY SATURDAY TO BRING MORE SIGNIFICANT SNOW FOR THE WEEKEND.

SNOWFALL AMOUNTS COULD BE IN THE 20 TO 30 INCH RANGE WITH THE SECOND STORM AND LOOKS LIKE IT MAY SHIFT THE SNOWFALL MAXIMUM FARTHER SOUTH THAN THE CURRENT STORM. THE TETONS SALTS WYOMING GROS VENTRE AND WIND RIVER RANGES SHOULD DO VERY WELL WITH LESSER AMOUNTS IN YELLOWSTONE NATIONAL PARK

Date					Thurs 1/19						Fri 1/20						Sat 1/21								
UTC	9	12	15	18	21	0	3	6	9	12	15	18	21	0	3	6	9	12	15	18	21	0			
MST	2	5	8	11	14	17	20	23	2	5	8	11	14	17	20	23	2	5	8	11	14	17			
Max/Min					28				19				27				19					29			
Temp	17	17	16	24	28	21	19	20	20	19	19	25	27	21	19	20	20	20	20	19	26	28	18		
Dewpt	15	14	14	20	21	18	17	17	17	17	16	20	19	18	17	17	18	17	16	20	20	15			
RH	92	88	92	84	75	88	92	88	88	92	88	81	71	88	92	88	92	88	88	88	78	71	88		
Wind dir	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW		
Wind speed	42	37	37	35	37	39	39	39	39	37	35	34	24	26	31	29	32	33	29	27	25	25			
Wind gust	59	52	52	49	52	55	55	55	55	49	48	46	43	36	43	41	44	47	41	39	35	35			
clouds	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV	OV			
clouds (%)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
POP 12 hrs					100				100				100				100					100			
QPF 12 hrs					0.85				0.89				0.36				0.43					0.52			
Snow 12 hrs					9				9				4				5					6			