

Issued 219 am MST Wed. Jan 18, 2012

PERIODS HEAVY SNOW CAN BE EXPECTED TODAY THROUGH EARLY FRIDAY IN THE WESTERN WYOMING MOUNTAINS AND VALLEYS AS A WINTER STORM WITH SIGNIFICANT PACIFIC MOISTURE REACHES THE AREA. THIS SNOW WILL BE ACCOMPANIED BY STRONG WIND AS WELL.

DEEP MOIST STRONG WEST SOUTHWEST FLOW FROM THE CENTRAL PACIFIC WILL BRING PERIODS OF MODERATE TO HEAVY SNOW WITH SIGNIFICANT BLOWING AND DRIFTING SNOW TONIGHT...THURSDAY AND THURSDAY NIGHT. THERE SHOULD BE ABOUT AN 18 HOUR BREAK WHERE LIGHT SNOW FALLS ABOVE 8500 FEET AND THE WINDS DECREASE BEFORE ANOTHER ROUND OF SIGNIFICANT SNOWFALL ACCOMPANIED WITH STRONG WINDS BEGINS FRIDAY NIGHT AND CONTINUES SATURDAY AND SATURDAY NIGHT. SNOWFALL TOTALS THROUGH LATE SATURDAY COULD BE IN THE 50 TO 60 INCH RANGE. THE MOST DIFFICULT ASPECT OF THE FORECAST AS IT RELATES TO SNOWFALL IS THE RATIO. THIS FORECAST WAS DONE WITH A 10 TO 1 RATIO THROUGH SATURDAY TO KEEP THE SNOWFALL AMOUNTS ON THE CONSERVATIVE SIDE FOR NOW

Date					Wed 1/18					Thurs 1/19					Fri 1/20								
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					17				14				28				19					27	
Temp	0	0	12	17	15	14	14	14	14	14	24	28	22	20	20	20	20	20	19	19	25	27	22
Dewpt	-4	-4	6	10	11	11	12	12	12	11	19	22	19	16	17	17	16	15	17	17	17	17	17
RH	83	83	76	73	84	88	92	92	92	88	81	78	88	84	88	88	84	84	84	84	71	65	81
Wind dir	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	SW	SW	SW
Wind speed	41	39	40	37	35	37	35	34	33	32	31	33	35	33	31	27	24	17	11	13	13	13	21
Wind gust	62	58	60	57	54	57	54	51	54	47	41	47	43	41	49	47	49	47	43	39	43	43	38
clouds	OV	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	99	99	99	99	99	99	99	99	99	99	99	95	93	95
POP 12 hrs					100				100				100			100						80	
QPF 12 hrs					0.58				0.52				0.58			0.6						0.25	
Snow 12 hrs					9				7				8			8						4	