



Local Situation Report

Prepared: 9/1/14 @ 1000

Local	GACC	Nat'l
2	1	2

**Today's Fire Danger**  
**Moderate**

**INCIDENT SUMMARY for Yesterday**

COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

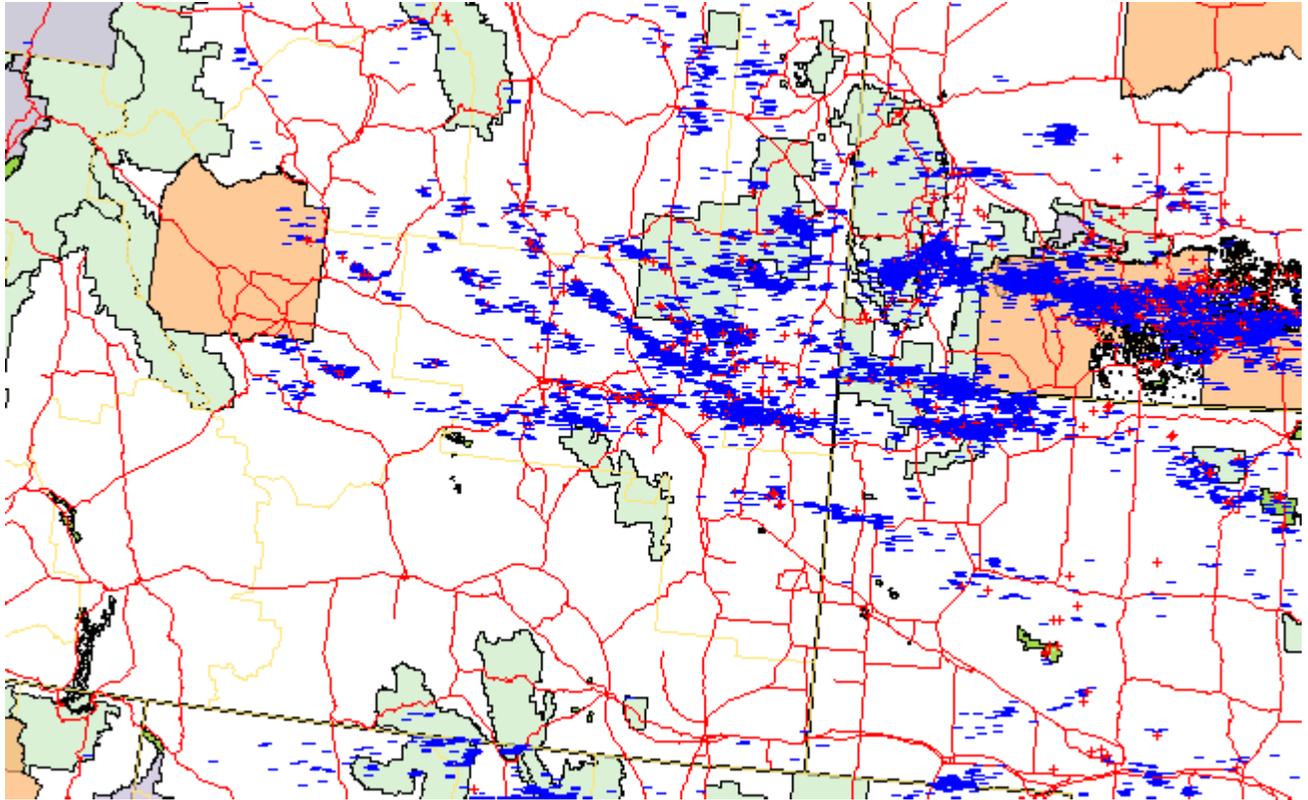
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

**Area Discussion:**

Quiet day across the zone with scattered showers and thunderstorms. Fire weather watch is in effect for Southeast Wy tomorrow Tue through Tue evening for strong wind and low RH.

**Lightning Map**



**INDICES (forecasted/actual)**

<b><u>FDRA</u></b>	<b>Predicted Today</b>		
	<b>Indices</b>	<b>Forecasted for 9/1</b>	<b>Actual for 8/31</b>
Echeta	BI	52	64
Rochelle Hills	ERC	7	2
Rochelle Hills	BI	44	14
Poker Creek	ERC	32	35
Casper Mtn	ERC	36	31
Fales Rock	BI	58	55
Sandstone	ERC	n/a	15
Esterbrook	ERC	38	37
Sawmill Park	ERC	25	13

## Duty Officers for Today:

<b>Duty Officers</b>	FS - Laramie	<b>Reynolds</b>
	FS - Saratoga	<b>Rogge</b>
	FS - Douglas	<b>Westbrook</b>
	BLM	<b>Ellis</b>
	State	<b>Fallbeck</b>
	FS – MBF NF	<b>Miller</b>
	Dispatch	<b>Neibauer</b>

<b>Local Aviation Resources</b>		Location	Status
	2TJ (Duncan) State	<b>Duncan</b>	<b>A</b>
	2HX (Rawlins) BLM	<b>Rawlins</b>	<b>A</b>

## Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0625	1938	<b>2008</b>
Casper	0630	1940	<b>2010</b>
Glenrock	0628	1938	<b>2008</b>
Laramie	0629	1935	<b>2005</b>

## Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Lands Weston County
SHX	7/28		Open burning restrictions
JOX	7/17		Open burning restrictions
BLM	8/1		Open burning restrictions

# Weather Discussion

WYZ280 -

NATRONA COUNTY/CASPER BLM

CONTINUED SHOWERY AND COOL TODAY...ESPECIALLY NORTH OF NATRONA COUNTY. FIRE WEATHER CONCERNS WILL INCREASE SLIGHTLY ON TUESDAY AS IT WILL BE MUCH DRIER AND WARMER WITH A STIFF WESTERLY BREEZE. CONTINUED WARM AND DRY ON TUESDAY WITH A DRY COLD FRONT POSSIBLE LATE.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...  
...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...

WYZ280 -

NATRONA COUNTY/CASPER BLM-

244 AM MDT MON SEP 1 2014

## **.TODAY...**

SKY/WEATHER.....PARTLY CLOUDY. SLIGHT CHANCE OF THUNDERSTORMS  
AND ISOLATED RAIN SHOWERS. CHANCE OF  
PRECIPITATION 20 PERCENT.

MAX TEMPERATURE.....65-70.

24 HR TREND.....3 DEGREES WARMER.

MIN HUMIDITY.....24-30 PERCENT.

24 HR TREND.....15 PERCENT DRIER.

20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 0900...THEN WEST  
AROUND 10 MPH. GUSTS UP TO 15 MPH.

RIDGE TOP WINDS.....WEST 10 TO 15 MPH.

LAL.....2.

CHC OF WETTING RAIN.15 PERCENT UNTIL 1200...THEN 5 PERCENT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## **.TONIGHT...**

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....43-48.

24 HR TREND.....UNCHANGED.

MAX HUMIDITY.....75-81 PERCENT.

24 HR TREND.....10 PERCENT DRIER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH UNTIL 0300...THEN  
SOUTHWEST AROUND 10 MPH. GUSTS UP TO 15 MPH.

RIDGE TOP WINDS.....NORTH AROUND 10 MPH UNTIL 2400...THEN  
SOUTHWEST.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

# Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND

..FIRE WEATHER WATCH IN EFFECT FROM TUESDAY AFTERNOON THROUGH TUESDAY EVENING PORTIONS OF SOUTHEAST WYOMING...

.DISCUSSION...

A CHANGE IN THE WEATHER PATTERN WILL LEAVE THE NEBRASKA PANHANDLE AND SOUTHEAST WYOMING WITH DRY AND BREEZY CONDITONS THE NEXT SEVERAL DAYS. A FEW ISOLATED SHOWERS AND STORMS ARE POSSIBLE TODAY BUT TUESDAY THROUGH THURSDAY WILL BE DRY WITH THE NEXT DECENT SHOT AT WETTING RAIN NOT UNTIL SATURDAY. MARGINAL CRITICAL FIRE CONDITIONS FOR PORTIONS OF SOUTHEAST WYOMING TODAY...BUT CRITICAL FIRE CONDITIONS MORE LIKELY TUESDAY AND WEDNESDAY. CRITICAL CONDITIONS NOT OUT OF THE QUESTION INTO THE NEBRASKA PANHANDLE TUESDAY AND WENDESDAY.

ISSUED BY WFO CHEYENNE

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND-

359 AM MDT MON SEP 1 2014

...**FIRE WEATHER WATCH IN EFFECT FROM TUESDAY AFTERNOON THROUGH** TUESDAY EVENING...

**.TODAY...**

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS. ISOLATED THUNDERSTORMS AFTER 1200.

MAX TEMPERATURE.....68-73.

24 HR TREND.....UNCHANGED.

MIN HUMIDITY.....25-31 PERCENT.

24 HR TREND.....15 PERCENT DRIER.

20-FOOT WINDS.....NORTHWEST 5 TO 10 MPH.

LAL.....1 UNTIL 1200...THEN 2.

CHC OF WETTING RAIN.5 PERCENT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

**.TONIGHT...**

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....43-48.

24 HR TREND.....1 DEGREE COOLER.

MAX HUMIDITY.....86-92 PERCENT.

24 HR TREND.....4 PERCENT DRIER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....NORTHEAST AROUND 5 MPH SHIFTING TO THE SOUTH AFTER MIDNIGHT.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ307 -  
SNOWY RANGE/MEDICINE BOW NF

...FIRE WEATHER WATCH IN EFFECT FROM TUESDAY AFTERNOON THROUGH  
TUESDAY EVENING PORTIONS OF SOUTHEAST WYOMING...

.DISCUSSION...

A CHANGE IN THE WEATHER PATTERN WILL LEAVE THE NEBRASKA PANHANDLE  
AND SOUTHEAST WYOMING WITH DRY AND BREEZY CONDITONS THE NEXT SEVERAL  
DAYS. A FEW ISOLATED SHOWERS AND STORMS ARE POSSIBLE TODAY BUT  
TUESDAY THROUGH THURSDAY WILL BE DRY WITH THE NEXT DECENT SHOT  
AT WETTING RAIN NOT UNTIL SATURDAY. MARGINAL CRITICAL FIRE  
CONDITIONS FOR PORTIONS OF SOUTHEAST WYOMING TODAY...BUT CRITICAL  
FIRE CONDITIONS MORE LIKELY TUESDAY AND WEDNESDAY. CRITICAL  
CONDITIONS NOT OUT OF THE QUESTION INTO THE NEBRASKA PANHANDLE  
TUESDAY AND WENDESDAY.

**.TODAY...**

SKY/WEATHER.....MOSTLY SUNNY.  
MAX TEMPERATURE.....58-64.  
24 HR TREND.....4 DEGREES WARMER.  
MIN HUMIDITY.....19-25 PERCENT.  
24 HR TREND.....31 PERCENT DRIER.  
20-FOOT WINDS.....WEST AROUND 10 MPH AND GUSTY INCREASING TO  
AROUND 20 MPH WITH GUSTS TO AROUND 35 MPH IN  
THE AFTERNOON.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

**.TONIGHT...**

SKY/WEATHER.....CLEAR.  
MIN TEMPERATURE.....37-42.  
24 HR TREND.....UNCHANGED.  
MAX HUMIDITY.....66-72 PERCENT.  
24 HR TREND.....9 PERCENT DRIER.  
HUMIDITY RECOVERY...POOR.  
20-FOOT WINDS.....SOUTHWEST 5 TO 10 MPH. GUSTS UP TO 20 MPH IN  
THE EVENING.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....WEST 15 TO 20 MPH.  
MIXING HEIGHT.....4500-5200 FT AGL DECREASING TO 200-1100 FT AGL  
AFTER MIDNIGHT.  
SMOKE DISPERSAL.....GOOD (84500 KNOT-FT) DECREASING TO POOR (8500  
KNOT-FT) AFTER MIDNIGHT.  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.