



# Casper

## Interagency Dispatch Center

### Local Situation Report

Prepared: 7/27/2014@0914

Local	GACC	Nat'l
1	2	3

**Today's Fire Danger**  
**HIGH**

## INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
Unit	Inc Name	Size	Cause	Status	Location	Remarks
WY-NAX	PALOMINO					Near Bar Nunn WY no further info on fire

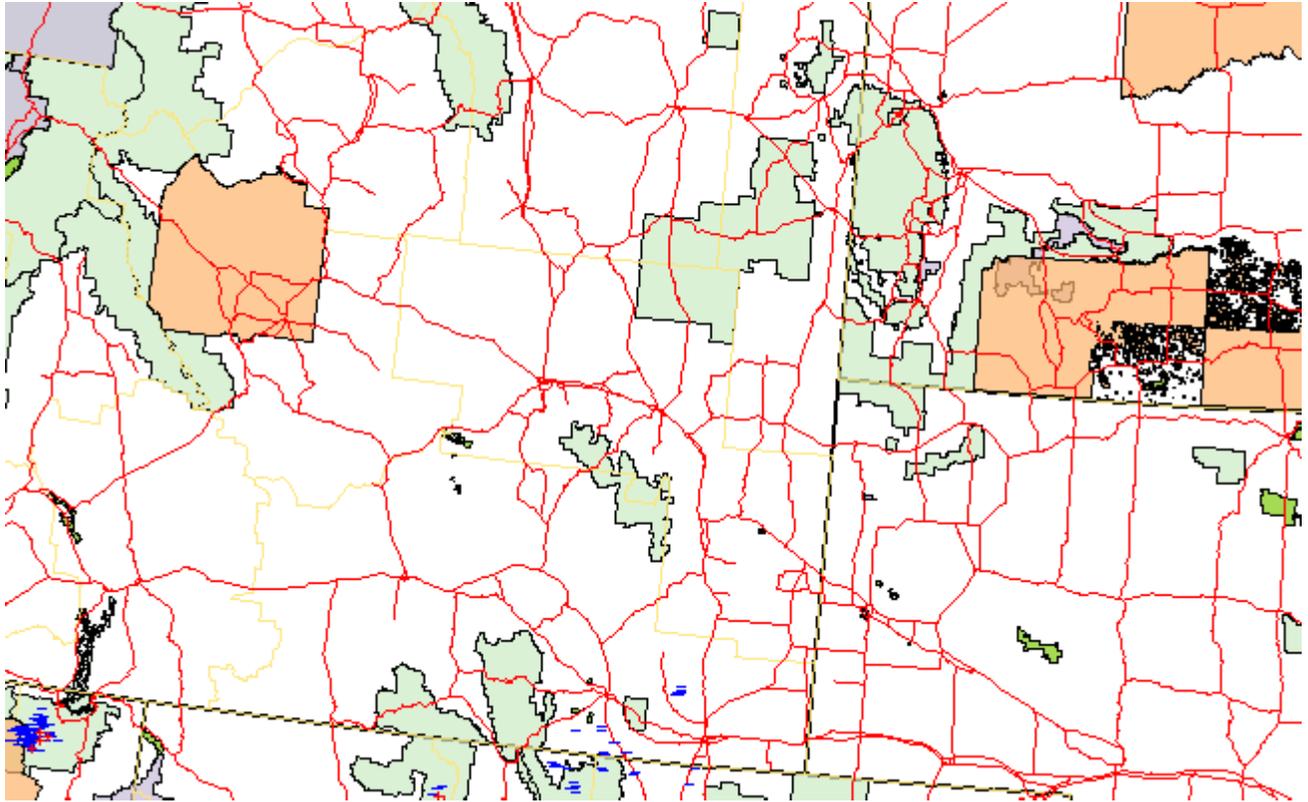
MED BOW NATIONAL FOREST						
Unit	Inc Name	Size (Acres)	Cause	Status	Location	Remarks

WHPD BLM						
Unit	Inc Name	Size	Cause	Status	Location	Remarks
WY-BFD	MOSIER	0.5	H	COntrolled	T50N R83W Sec2	Fire caused by motorhome in Mosier picnic area

**Area Discussion:**

2 IA's yesterday cooler temps expected through mid week.

**Lightning Map**



**INDICES (forecasted/actual)**

<b><u>FDRA</u></b>	<b>Predicted Today</b>		
	<b>Indices</b>	<b>Forecasted for 7/27</b>	<b>Actual for 7/26</b>
Echeta	BI	64	90
Rochelle Hills	BI	61	69
Rochelle Hills	ERC	17	19
Poker Creek	ERC	66	67
Casper Mtn	ERC	70	72
Fales Rock	BI	66	44
Sandstone	ERC	N/A	74
Esterbrook	ERC	56	56
Sawmill Park	ERC	44	45

## Duty Officers for Today:

<b><u>Duty Officers</u></b>	FS - Laramie	<b>Delay</b>
	FS - Saratoga	<b>Rogge</b>
	FS - Douglas	<b>Westbrook</b>
	BLM	<b>Short</b>
	State	<b>Graham</b>
	FS – MBF NF	<b>Bentley</b>
	Dispatch	<b>Adams</b>

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

## Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0544	2032	<b>2102</b>
Casper	0552	2031	<b>2101</b>
Glenrock	0550	2030	<b>2100</b>
Laramie	0553	2024	<b>2054</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

# Weather Discussion

WYZ280 -  
NATRONA COUNTY/CASPER BLM

DRY AND WARM CONDITIONS WILL BE FOUND OVER THE DISPATCH AREA THROUGH TODAY. WIND IS EXPECTED TO REMAIN GENERALLY LIGHT UNDER THE CURRENT AREA OF HIGH PRESSURE. BENIGN WEATHER CONDITIONS EXPECTED THROUGH THIS EVENING. A FEW SHOWERS AND THUNDERSTORMS MAY DEVELOP LATE MONDAY...WITH MORE WIDESPREAD COVERAGE ANTICIPATED TUESDAY AND WEDNESDAY...ESPECIALLY OVER ZONES 289...280...AND 300. GUSTY WIND... LIGHTNING AND LOCALLY HEAVY RAINFALL WILL BE THE PRIMARY THREATS WITH ANY STORM ACTIVITY NEXT WEEK.

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

## . TODAY . . .

SKY/WEATHER.....SUNNY.  
MAX TEMPERATURE.....83-88.  
24 HR TREND.....1 DEGREE COOLER.  
MIN HUMIDITY.....13-19 PERCENT.  
24 HR TREND.....4 PERCENT WETTER.  
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1200...THEN EAST  
AROUND 10 MPH AND GUSTY.  
RIDGE TOP WINDS.....EAST 10 TO 15 MPH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....NORTHEAST AROUND 10 MPH UNTIL 0900...THEN  
AROUND 15 MPH.  
MIXING HEIGHT.....2000-4500 FT AGL UNTIL 1200...THEN 6000-7000 FT  
AGL.  
SMOKE DISPERSAL.....POOR (18000-38000 KNOT-FT) UNTIL 1200...THEN  
GOOD (70000-90000 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

## . TONIGHT . . .

SKY/WEATHER.....CLEAR.  
MIN TEMPERATURE.....54-59.  
24 HR TREND.....3 DEGREES WARMER.  
MAX HUMIDITY.....61-67 PERCENT.  
24 HR TREND.....7 PERCENT WETTER.  
HUMIDITY RECOVERY...GOOD.  
20-FOOT WINDS.....EAST WINDS 10 TO 15 MPH.  
RIDGE TOP WINDS.....SOUTHEAST 15 TO 20 MPH.  
LAL.....1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....EAST 10 TO 15 MPH.  
MIXING HEIGHT.....4500-7000 FT AGL UNTIL 2400...THEN 2500-5000 FT  
AGL.  
SMOKE DISPERSAL.....FAIR TO GOOD (58000-78000 KNOT-FT) UNTIL  
2400...THEN POOR (0-16000 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

# Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL  
GRASSLAND

.DISCUSSION...TODAY WILL BE A COOLER AND MOSTLY DRY DAY ACROSS THE  
DISTRICT IN THE WAKE OF A PASSING COLD FRONT. SHOWER AND  
THUNDERSTORM COVERAGE WILL INCREASE MARKEDLY MONDAY THROUGH  
WEDNESDAY AS LOW AND MID LEVEL MOISTURE INCREASES. A DRYING TREND  
WILL OCCUR THURSDAY INTO NEXT WEEKEND.

## . TODAY . . .

SKY/WEATHER.....SUNNY.

MAX TEMPERATURE.....82-87.

24 HR TREND.....4 DEGREES COOLER.

MIN HUMIDITY.....16-22 PERCENT.

24 HR TREND.....6 PERCENT WETTER.

20-FOOT WINDS.....EAST UP TO 15 MPH INCREASING TO 10 TO 15 MPH IN  
THE AFTERNOON. GUSTS UP TO 25 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....EAST 10 TO 15 MPH.

MIXING HEIGHT.....5100-5700 FT AGL INCREASING TO 7300-8100 FT AGL  
IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (48600-87500 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

## . TONIGHT . . .

SKY/WEATHER.....CLEAR.

MIN TEMPERATURE.....53-58.

24 HR TREND.....4 DEGREES WARMER.

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

24 HR TREND.....11 PERCENT WETTER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....EAST 10 TO 20 MPH AND GUSTY.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....EAST AROUND 15 MPH.

MIXING HEIGHT.....3700-4200 FT AGL DECREASING TO 400 FT AGL AFTER  
MIDNIGHT.

SMOKE DISPERSAL.....FAIR (58300 KNOT-FT) DECREASING TO POOR (4900  
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.

# Weather Discussion

WYZ307 -  
SNOWY RANGE/MEDICINE BOW NF

DISCUSSION...TODAY WILL BE A COOLER AND MOSTLY DRY DAY ACROSS THE DISTRICT IN THE WAKE OF A PASSING COLD FRONT. SHOWER AND THUNDERSTORM COVERAGE WILL INCREASE MARKEDLY MONDAY THROUGH WEDNESDAY AS LOW AND MID LEVEL MOISTURE INCREASES. A DRYING TREND WILL OCCUR THURSDAY INTO NEXT WEEKEND.

## . TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.  
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1500.  
MAX TEMPERATURE.....70-78.  
24 HR TREND.....UNCHANGED.  
MIN HUMIDITY.....24-30 PERCENT.  
24 HR TREND.....11 PERCENT WETTER.  
20-FOOT WINDS.....SOUTH UP TO 15 MPH SHIFTING TO THE EAST IN THE  
AFTERNOON. GUSTS UP TO 25 MPH.  
LAL.....1 UNTIL 1200...THEN 2 UNTIL 1500...THEN 3.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....SOUTH AROUND 15 MPH SHIFTING TO THE EAST IN THE  
AFTERNOON.  
MIXING HEIGHT.....5800-7100 FT AGL INCREASING TO 8300-10200 FT  
AGL IN THE AFTERNOON.  
SMOKE DISPERSAL.....GOOD TO VERY GOOD (80600-128600 KNOT-FT).  
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED  
FIRE GROWTH.

## . TONIGHT . . .

SKY/WEATHER.....PARTLY CLOUDY.  
MIN TEMPERATURE.....45-50.  
24 HR TREND.....UNCHANGED.  
MAX HUMIDITY.....92-98 PERCENT.  
24 HR TREND.....35 PERCENT WETTER.  
HUMIDITY RECOVERY...EXCELLENT.  
20-FOOT WINDS.....SOUTHEAST 10 TO 15 MPH AND GUSTY SHIFTING TO  
THE SOUTH AFTER MIDNIGHT.  
LAL.....2 UNTIL 2400...THEN 1.  
CHC OF WETTING RAIN.ZERO PERCENT.  
TRANSPORT WINDS.....SOUTHEAST 10 TO 15 MPH.  
MIXING HEIGHT.....4300-5300 FT AGL DECREASING TO 400 FT AGL AFTER  
MIDNIGHT.  
SMOKE DISPERSAL.....GOOD (67100 KNOT-FT) DECREASING TO POOR (4100  
KNOT-FT) AFTER MIDNIGHT.  
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME  
DOMINATED FIRE GROWTH.