



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: 08/10/2014 @ 0930

Local	GACC	Nat'l
2	2	4

Today's Fire Danger
HIGH

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>

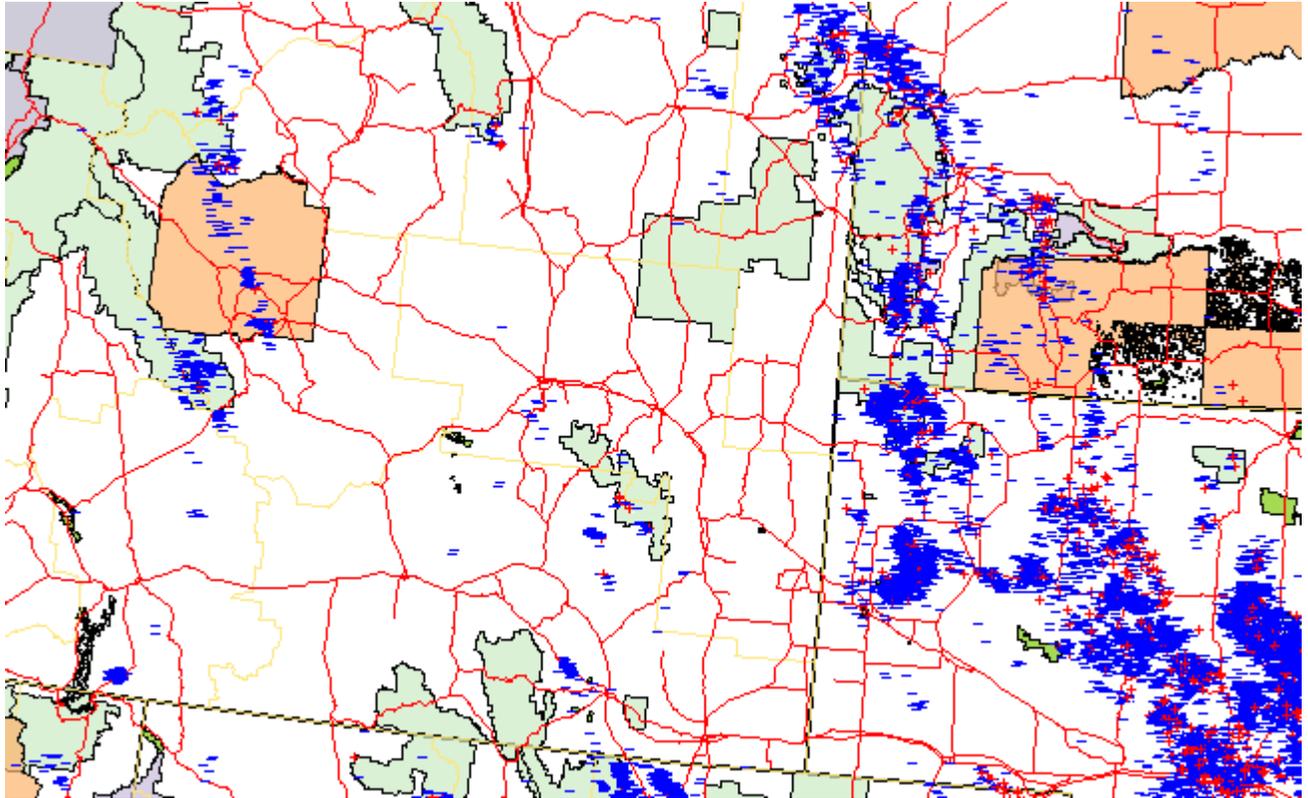
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

No IA yesterday. Temps should be a few degrees warmer today, but RH values should remain the same.

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for 8/10	Actual for 8/9
Echeta	BI	50	55
Rochelle Hills	ERC	12	10
Rochelle Hills	BI	47	85
Poker Creek	ERC	42	45
Casper Mtn	ERC	48	52
Fales Rock	BI	52	83
Sandstone	ERC	N/A	56
Esterbrook	ERC	46	45
Sawmill Park	ERC	31	31

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Rogge
	FS - Douglas	Bones
	BLM	Ellis
	State	Graham
	FS – MBF NF	Bentley
	Dispatch	Adams

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Muddy Mtn	Avail
	2HX (Rawlins) BLM	Rawlins	Avail

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0600	2014	2044
Casper	0606	2014	2044
Glenrock	0604	2013	2043
Laramie	0607	2008	2038

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

THERE WILL BE AN ISOLATED SHOWER OR THUNDERSTORM THIS AFTERNOON AND EVENING OVER THE HIGHER TERRAIN...BUT MOST AREAS WILL REMAIN DRY...MONDAY WILL BE SIMILAR. CHANCES FOR A WETTING RAIN INCREASE ON TUESDAY AS SHOWERS AND STORMS BECOME MORE WIDESPREAD. THERE WILL BE A GOOD CHANCE FOR A WETTING RAIN EACH DAY NEXT WEEK AFTER MONDAY.

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

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.
MAX TEMPERATURE.....78-83.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....22-28 PERCENT.
24 HR TREND.....UNCHANGED.
20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.
RIDGE TOP WINDS.....WEST AROUND 10 MPH UNTIL 0900...THEN SOUTH
UNTIL 1500...THEN EAST.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH UNTIL 0900...THEN EAST
UNTIL 1500...THEN NORTHWEST.
MIXING HEIGHT.....1500-4000 FT AGL UNTIL 1200...THEN 6000-8500 FT
AGL.
SMOKE DISPERSAL.....POOR TO FAIR (32000-52000 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....53-58.
24 HR TREND.....1 DEGREE WARMER.
MAX HUMIDITY.....71-77 PERCENT.
24 HR TREND.....5 PERCENT DRIER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....EAST WINDS AROUND 10 MPH UNTIL 0300...THEN
DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 15
MPH.
RIDGE TOP WINDS.....EAST AROUND 15 MPH UNTIL 0300...THEN SOUTH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTH AROUND 15 MPH UNTIL 2100...THEN
SOUTHEAST.
MIXING HEIGHT.....4000-6500 FT AGL UNTIL 2400...THEN 0-500 FT
AGL.
SMOKE DISPERSAL.....FAIR TO GOOD (40000-60000 KNOT-FT) UNTIL
2400...THEN POOR (2000-4000 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND

LIGHT WINDS AND MILD TEMPERATURES THE NEXT SEVERAL DAYS. HUMIDITY VALUES MAY DROP INTO THE TEENS IN THE AFTERNOON WEST OF THE LARAMIE RANGE TODAY AND INTO EARLY THIS WEEK BUT WITH THE LIGHT WINDS DO NOT SEE A CRITICAL FIRE WEATHER THREAT. INCREASED CHANCES FOR SHOWERS AND THUNDERSTORMS THURSDAY AND FRIDAY AS MONSOON MOISTURE RETURNS.

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY UNTIL 0900...THEN PARTLY CLOUDY.
MAX TEMPERATURE.....81-86.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....23-29 PERCENT.
24 HR TREND.....UNCHANGED.
20-FOOT WINDS.....NORTH AROUND 5 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTH AROUND 10 MPH.
MIXING HEIGHT.....6300-6800 FT AGL INCREASING TO 9000-9800 FT AGL
IN THE AFTERNOON.
SMOKE DISPERSAL.....FAIR TO GOOD (46100-69800 KNOT-FT).
HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.
MIN TEMPERATURE.....53-58.
24 HR TREND.....2 DEGREES WARMER.
MAX HUMIDITY.....81-87 PERCENT.
24 HR TREND.....4 PERCENT DRIER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....EAST AROUND 5 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....EAST AROUND 10 MPH.
MIXING HEIGHT.....4600-5100 FT AGL DECREASING TO 400 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (3000-43000 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

LIGHT WINDS AND MILD TEMPERATURES THE NEXT SEVERAL DAYS. HUMIDITY VALUES MAY DROP INTO THE TEENS IN THE AFTERNOON WEST OF THE LARAMIE RANGE TODAY AND INTO EARLY THIS WEEK BUT WITH THE LIGHT WINDS DO NOT SEE A CRITICAL FIRE WEATHER THREAT. INCREASED CHANCES FOR SHOWERS AND THUNDERSTORMS THURSDAY AND FRIDAY AS MONSOON MOISTURE RETURNS.

. TODAY . . .

SKY/WEATHER.....PARTLY CLOUDY UNTIL 1200...THEN MOSTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200.
MAX TEMPERATURE.....65-71.
24 HR TREND.....UNCHANGED.
MIN HUMIDITY.....33-39 PERCENT.
24 HR TREND.....9 PERCENT WETTER.
20-FOOT WINDS.....EAST AROUND 5 MPH.
LAL.....1 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.5 PERCENT.
TRANSPORT WINDS.....EAST 10 TO 15 MPH.
MIXING HEIGHT.....5100-6300 FT AGL INCREASING TO 7100-9000 FT AGL
IN THE AFTERNOON.
SMOKE DISPERSAL.....FAIR TO GOOD (51100-98200 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2100.
MIN TEMPERATURE.....42-47.
24 HR TREND.....2 DEGREES COOLER.
MAX HUMIDITY.....84-90 PERCENT.
24 HR TREND.....3 PERCENT WETTER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....SOUTHEAST 5 TO 10 MPH.
LAL.....2 UNTIL 2100...THEN 1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....SOUTHEAST 10 TO 15 MPH.
MIXING HEIGHT.....3600-4600 FT AGL DECREASING TO 400 FT AGL AFTER
MIDNIGHT.
SMOKE DISPERSAL.....FAIR (55500 KNOT-FT) DECREASING TO POOR (4000
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.