



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: August 4, 2014 @ 1000

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>

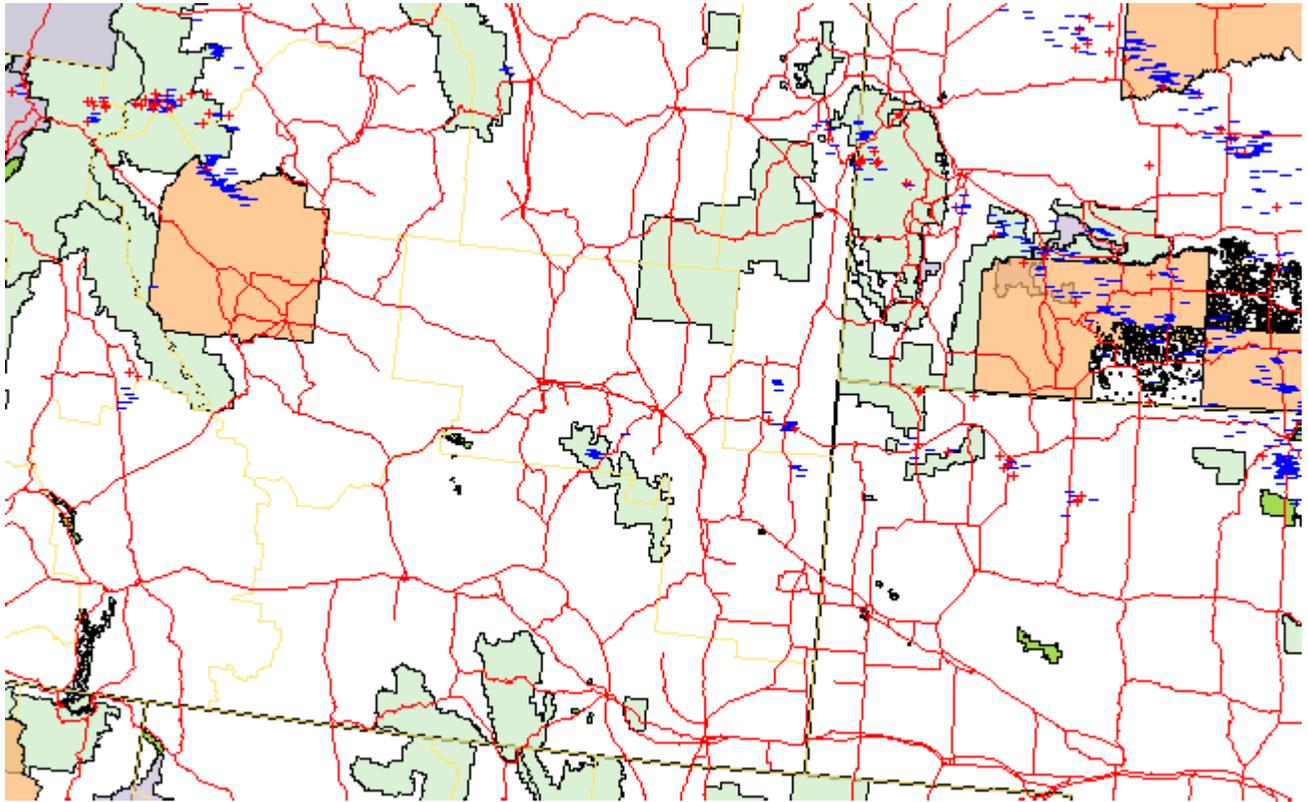
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

Quiet day in the zone yesterday, no new fires. Processing misc overhead orders.

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for	Actual for
Echeta	BI	66	58
Rochelle Hills	ERC	15	17
Rochelle Hills	BI	59	55
Poker Creek	ERC	59	61
Casper Mtn	ERC	54	67
Fales Rock	BI	63	62
Sandstone	ERC	N/A	68
Esterbrook	ERC	52	50
Sawmill Park	ERC	30	29

Duty Officers for Today:

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

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	home	Available
	2HX (Rawlins) BLM	Scab Fire	Available

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	553	2023	2053
Casper	600	2022	2052
Glenrock	558	2020	2050
Laramie	601	2016	2046

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 restriction

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

A COOL AND WET FEW DAYS ARE EXPECTED OVER THE DISPATCH AREA. PUSHES OF MONSOONAL MOISTURE WILL GENERATE SHOWERS AND THUNDERSTORMS...WITH COVERAGE INCREASING THROUGH TUESDAY. PERIODS OF HEAVY RAIN WILL BE POSSIBLE...ALONG WITH SOME GUSTY WIND. THIS SYSTEM WILL RESULT IN COOLING TEMPERATURES OVER THE NEXT FEW DAYS...WITH INCREASING DAYTIME HUMIDITY. FIRE WEATHER CONCERNS ARE LOW.

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

235 AM MDT MON AUG 4 2014

. TODAY ...

SKY/WEATHER.....MOSTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 1200...THEN SCATTERED SHOWERS AND THUNDERSTORMS. SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL AFTER 1200. CHANCE OF PRECIPITATION 50 PERCENT.

MAX TEMPERATURE.....80-85.

24 HR TREND.....6 DEGREES COOLER.

MIN HUMIDITY.....22-28 PERCENT.

24 HR TREND.....10 PERCENT WETTER.

20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1200...THEN NORTHEAST AROUND 10 MPH.

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

LAL.....3 UNTIL 1200...THEN 4.

CHC OF WETTING RAIN.ZERO PERCENT UNTIL 1200...THEN 20 PERCENT.

TRANSPORT WINDS.....NORTHEAST 10 TO 15 MPH.

MIXING HEIGHT.....2500-5000 FT AGL UNTIL 1200...THEN 5500-8000 FT AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (46000-66000 KNOT-FT).

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

. TONIGHT ...

SKY/WEATHER.....MOSTLY CLOUDY. ISOLATED THUNDERSTORMS UNTIL 2400. SCATTERED RAIN SHOWERS. SCATTERED THUNDERSTORMS AFTER 2400. SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL UNTIL 2400. CHANCE OF PRECIPITATION 50 PERCENT.

MIN TEMPERATURE.....56-61.

24 HR TREND.....2 DEGREES COOLER.

MAX HUMIDITY.....81-87 PERCENT.

24 HR TREND.....15 PERCENT WETTER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....EAST WINDS AROUND 10 MPH UNTIL 2100...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.

RIDGE TOP WINDS.....SOUTHEAST 10 TO 15 MPH UNTIL 2400...THEN WEST.

LAL.....3 UNTIL 2400...THEN 4.

CHC OF WETTING RAIN.7 PERCENT.

TRANSPORT WINDS.....NORTHEAST 10 TO 15 MPH UNTIL 2400...THEN NORTH 5 TO 10 MPH.

MIXING HEIGHT.....5000-7500 FT AGL UNTIL 2400...THEN 1500-4000 FT AGL.

SMOKE DISPERSAL.....POOR TO FAIR (28000-48000 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

DISCUSSION...AFTER THE RECENT STRETCH OF DRY WEATHER...ABUNDANT
MONSOONAL MOISTURE INTERACTING WITH A SLOW MOVING FRONT AND PASSING
UPPER LEVEL DISTURBANCES WILL RESULT IN SCATTERED MAINLY AFTERNOON
AND EVENING SHOWERS AND THUNDERSTORMS THIS WEEK. THE MOST WIDESPREAD
COVERAGE OF WETTING RAINFALL WILL BE TUESDAY AND WEDNESDAY. SOME OF
THE ACTIVITY MAY PRODUCE LOCALLY HEAVY RAINFALL. WITH THE ANTICIPATED
PRECIPITATION AND HIGH RELATIVE HUMIDITY...THERE WILL BE NO FIRE
WEATHER CONCERNS. WINDS WILL GENERALLY BE LIGHT...EXCEPT VARIABLE
AND GUSTY IN AND NEAR THUNDERSTORMS.

314 AM MDT MON AUG 4 2014

. TODAY ...

SKY/WEATHER.....PARTLY CLOUDY UNTIL 1200...THEN MOSTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS AFTER 0900
UNTIL 1200...THEN SCATTERED SHOWERS AND
THUNDERSTORMS.

MAX TEMPERATURE.....85-91.

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

MIN HUMIDITY.....22-28 PERCENT.

24 HR TREND.....5 PERCENT WETTER.

20-FOOT WINDS.....EAST UP TO 10 MPH.

LAL.....1 UNTIL 0900...THEN 2 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH.

MIXING HEIGHT.....5700-7300 FT AGL INCREASING TO 8400-10400 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (43000-76900 KNOT-FT).

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

. TONIGHT ...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED THUNDERSTORMS UNTIL
2400. SCATTERED SHOWERS. ISOLATED THUNDERSTORMS
AFTER 2400.

MIN TEMPERATURE.....59-64.

24 HR TREND.....2 DEGREES WARMER.

MAX HUMIDITY.....78-84 PERCENT.

24 HR TREND.....12 PERCENT WETTER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....SOUTHEAST AROUND 10 MPH SHIFTING TO THE
SOUTHWEST UP TO 10 MPH AFTER MIDNIGHT.

LAL.....3 UNTIL 2400...THEN 2.

CHC OF WETTING RAIN.15 PERCENT.

TRANSPORT WINDS.....SOUTHEAST AROUND 10 MPH SHIFTING TO THE
SOUTHWEST AFTER MIDNIGHT.

MIXING HEIGHT.....4300-5800 FT AGL DECREASING TO 200-900 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (3400-40700 KNOT-FT).

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

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

.DISCUSSION...AFTER THE RECENT STRETCH OF DRY WEATHER...ABUNDANT MONSOONAL MOISTURE INTERACTING WITH A SLOW MOVING FRONT AND PASSING UPPER LEVEL DISTURBANCES WILL RESULT IN SCATTERED MAINLY AFTERNOON AND EVENING SHOWERS AND THUNDERSTORMS THIS WEEK. THE MOST WIDESPREAD COVERAGE OF WETTING RAINFALL WILL BE TUESDAY AND WEDNESDAY. SOME OF THE ACTIVITY MAY PRODUCE LOCALLY HEAVY RAINFALL. WITH THE ANTICIPATED PRECIPITATION AND HIGH RELATIVE HUMIDITY...THERE WILL BE NO FIRE WEATHER CONCERNS. WINDS WILL GENERALLY BE LIGHT...EXCEPT VARIABLE AND GUSTY IN AND NEAR THUNDERSTORMS.

314 AM MDT MON AUG 4 2014

. TODAY ...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS UNTIL 1200...THEN NUMEROUS SHOWERS AND THUNDERSTORMS.

MAX TEMPERATURE.....65-71.

24 HR TREND.....6 DEGREES COOLER.

MIN HUMIDITY.....41-47 PERCENT.

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

20-FOOT WINDS.....SOUTHWEST AROUND 10 MPH.

LAL.....2 UNTIL 1200...THEN 4.

CHC OF WETTING RAIN.30 PERCENT.

TRANSPORT WINDS.....SOUTHWEST 10 TO 15 MPH.

MIXING HEIGHT.....4500-5800 FT AGL INCREASING TO 6400-8300 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (58500-73900 KNOT-FT).

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

. TONIGHT ...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS UNTIL 2400...THEN ISOLATED SHOWERS AND THUNDERSTORMS.

MIN TEMPERATURE.....45-51.

24 HR TREND.....2 DEGREES COOLER.

MAX HUMIDITY.....88-94 PERCENT.

24 HR TREND.....3 PERCENT WETTER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH BECOMING SOUTHWEST AROUND 10 MPH AFTER MIDNIGHT. GUSTS UP TO 20 MPH.

LAL.....3 UNTIL 2400...THEN 2.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....SOUTHWEST 10 TO 15 MPH.

MIXING HEIGHT.....3500-4500 FT AGL DECREASING TO 300-900 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR (7200-38200 KNOT-FT).

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