



Local Situation Report

Prepared: 8-13-14 @ 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>
CMX	Cromack	419	UNK	Active	56N 72W Sec2	CMX units, 2603, 2602, and 2TJ

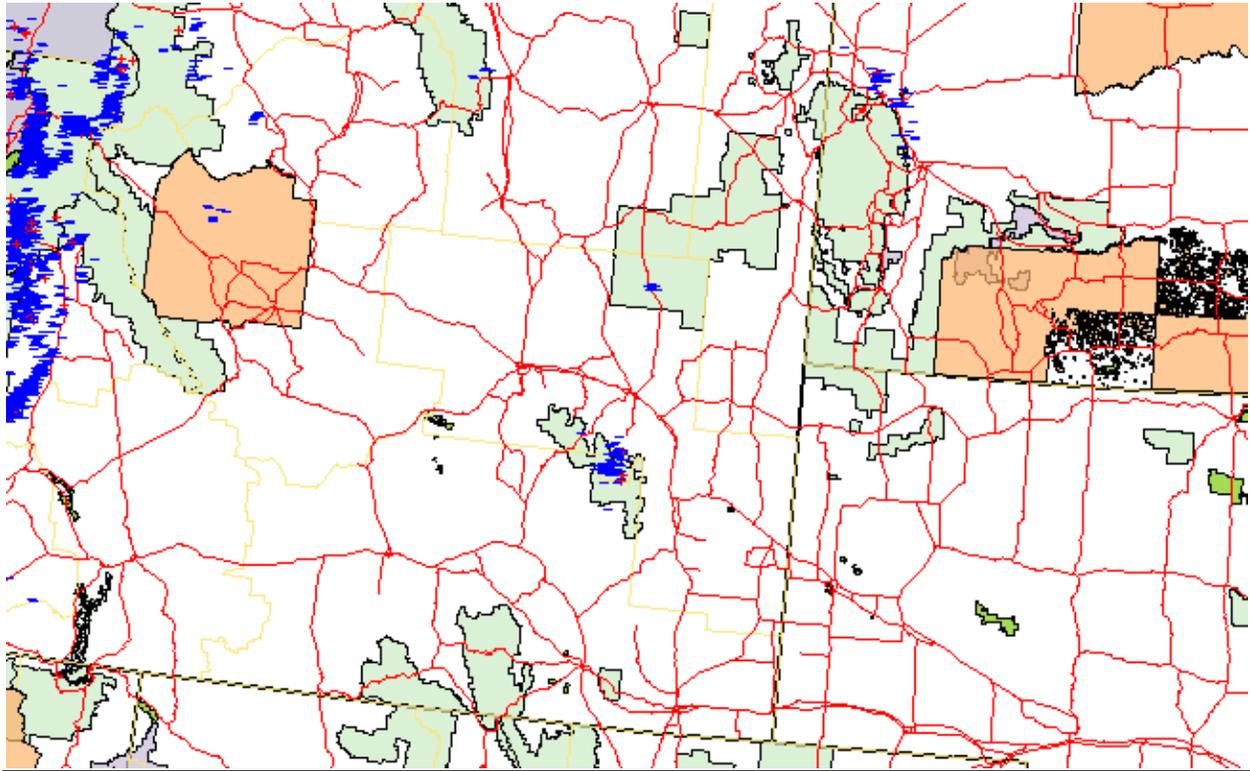
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

Had 1 new start in Campbell county. Additional resources needs are being assessed this morning.

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today 8/13/14		
	Indices	Forecasted for 8/13	Actual for 8/12
Echeta	BI	58	67
Rochelle Hills	ERC	17	16
Rochelle Hills	BI	64	54
Poker Creek	ERC	59	56
Casper Mtn	ERC	51	63
Fales Rock	BI	67	61
Sandstone	ERC	N/A	66
Esterbrook	ERC	54	49
Sawmill Park	ERC	36	33

Duty Officers for Today:

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

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Cromack HB	Committed
	2HX (Rawlins) BLM	Cromack HB	Committed

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0603	2010	2040
Casper	0609	2010	2040
Glenrock	0608	2011	2041
Laramie	0610	2004	2034

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

EXPECT FEW FIRE CONCERNS OVER THE NEXT FEW DAYS. MONSOONAL MOISTURE WILL CONTINUE TO WORK NORTHWARD ACROSS THE AREA AND BRING ISOLATED TO SCATTERED THUNDERSTORMS THIS AFTERNOON AND EVENING...WITH THE MOST NUMEROUS SHOWERS AND THUNDERSTORMS FROM ZONE 280 AND SOUTHWARD. SOME OF THESE THUNDERSTORMS WILL CONTAIN HEAVY DOWNPOURS. THUNDERSTORMS MAY CONTINUE INTO THE NIGHT ACROSS ZONES 280...289 AND 300. THE DEEPEST MOISTURE WILL BE PUSHED EAST OF THE AREA BY FRIDAY BUT ISOLATED TO SCATTERED SHOWERS AND THUNDERSTORMS WILL STILL BE POSSIBLE...ESPECIALLY ACROSS ZONES 281...280 AND 300.

. TODAY . . .

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED RAIN SHOWERS. ISOLATED THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL AND FREQUENT LIGHTNING AFTER 1200. CHANCE OF PRECIPITATION 20 PERCENT.

MAX TEMPERATURE.....85-90.

MIN HUMIDITY.....18-24 PERCENT.

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

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

LAL.....1 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.ZERO PERCENT.

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

. TONIGHT . . .

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED THUNDERSTORMS UNTIL 2400. ISOLATED RAIN SHOWERS. ISOLATED THUNDERSTORMS AFTER 2400. SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL AND FREQUENT LIGHTNING UNTIL 2400. CHANCE OF PRECIPITATION 20 PERCENT.

MIN TEMPERATURE.....57-62.

MAX HUMIDITY.....73-79 PERCENT.

20-FOOT WINDS.....SOUTHWEST WINDS AROUND 10 MPH WITH GUSTS TO AROUND 15 MPH.

RIDGE TOP WINDS.....SOUTHWEST AROUND 15 MPH.

LAL.....3.

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

MONSOON MOISTURE WILL MOVE OVER SOUTHEAST WYOMING AND NEBRASKA PANHANDLE OVER THE NEXT 24 TO 48 HOURS. MOST LOCATIONS SHOULD SEE INCREASED CHANCES FOR WETTING RAINS AND HIGHER HUMIDITIES TODAY THROUGH THURSDAY. AFTERNOON HUMIDITIES EXPECTED TO FALL INTO THE MID 20 PERCENT RANGE TODAY AND MID 30 PERCENT RANGE FOR THURSDAY WITH EXCELLENT OVERNIGHT RECOVERIES. MOISTURE MOVES EAST OF THE PANHANDLE FRIDAY WITH DRIER AIR MOVING IN FROM THE WEST. WE COULD SEE AFTERNOON HUMIDITIES FRIDAY IN THE 10 TO 15 PERCENT RANGE WEST OF THE LARAMIE RANGE. WINDS WILL BE ON THE INCREASE AS WELL. COULD BE LOOKING AT CRITICAL FIRE WEATHER CONDITIONS FRIDAY AND SATURDAY AS LOW PRESSURE TRACKS ACROSS MONTANA.

. TODAY . . .

SKY/WEATHER.....PARTLY CLOUDY UNTIL 1500...THEN MOSTLY CLOUDY.
SCATTERED SHOWERS AND THUNDERSTORMS AFTER 1200.
MAX TEMPERATURE.....89-95.
24 HR TREND.....4 DEGREES COOLER.
MIN HUMIDITY.....16-22 PERCENT.
24 HR TREND.....5 PERCENT WETTER.
20-FOOT WINDS.....SOUTHWEST AROUND 5 MPH.
LAL.....1 UNTIL 0900...THEN 2 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.10 PERCENT.
TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH.
MIXING HEIGHT.....6700-8200 FT AGL INCREASING TO 9800-11800 FT
AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....FAIR TO GOOD (57300-96900 KNOT-FT).
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED
FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 0300...THEN PARTLY CLOUDY.
CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL
2400...THEN SLIGHT CHANCE OF SHOWERS AND
THUNDERSTORMS.
MIN TEMPERATURE.....63-68.
24 HR TREND.....5 DEGREES WARMER.
MAX HUMIDITY.....66-72 PERCENT.
24 HR TREND.....5 PERCENT DRIER.
HUMIDITY RECOVERY...POOR.
20-FOOT WINDS.....SOUTHWEST AROUND 5 MPH.
LAL.....3 UNTIL 2400...THEN 2.
CHC OF WETTING RAIN.10 PERCENT.
TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH.
MIXING HEIGHT.....5200-6700 FT AGL DECREASING TO 300-1200 FT AGL
AFTER MIDNIGHT.
SMOKE DISPERSAL.....FAIR (57500 KNOT-FT) DECREASING TO POOR (6000
KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

MONSOON MOISTURE WILL MOVE OVER SOUTHEAST WYOMING AND NEBRASKA PANHANDLE OVER THE NEXT 24 TO 48 HOURS. MOST LOCATIONS SHOULD SEE INCREASED CHANCES FOR WETTING RAINS AND HIGHER HUMIDITIES TODAY THROUGH THURSDAY. AFTERNOON HUMIDITIES EXPECTED TO FALL INTO THE MID 20 PERCENT RANGE TODAY AND MID 30 PERCENT RANGE FOR THURSDAY WITH EXCELLENT OVERNIGHT RECOVERIES. MOISTURE MOVES EAST OF THE PANHANDLE FRIDAY WITH DRIER AIR MOVING IN FROM THE WEST. WE COULD SEE AFTERNOON HUMIDITIES FRIDAY IN THE 10 TO 15 PERCENT RANGE WEST OF THE LARAMIE RANGE. WINDS WILL BE ON THE INCREASE AS WELL. COULD BE LOOKING AT CRITICAL FIRE WEATHER CONDITIONS FRIDAY AND SATURDAY AS LOW PRESSURE TRACKS ACROSS MONTANA.

. TODAY . . .

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS AND
THUNDERSTORMS AFTER 0900.
MAX TEMPERATURE.....67-75.
24 HR TREND.....5 DEGREES COOLER.
MIN HUMIDITY.....32-38 PERCENT.
24 HR TREND.....13 PERCENT WETTER.
20-FOOT WINDS.....SOUTHWEST AROUND 5 MPH.
LAL.....1 UNTIL 0900...THEN 3 UNTIL 1200...THEN 4 UNTIL
1500...THEN 3.
CHC OF WETTING RAIN.20 PERCENT.
TRANSPORT WINDS.....SOUTHWEST AROUND 10 MPH.
MIXING HEIGHT.....4700-5800 FT AGL INCREASING TO 6800-8400 FT AGL
IN THE AFTERNOON.
SMOKE DISPERSAL.....FAIR TO GOOD (54400-75600 KNOT-FT).
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....CLOUDY. CHANCE OF THUNDERSTORMS UNTIL 2400.
CHANCE OF SHOWERS. SLIGHT CHANCE OF
THUNDERSTORMS AFTER 2400.
MIN TEMPERATURE.....47-53.
24 HR TREND.....1 DEGREE WARMER.
MAX HUMIDITY.....86-92 PERCENT.
24 HR TREND.....19 PERCENT WETTER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....SOUTH AROUND 5 MPH.
LAL.....4 UNTIL 2400...THEN 2.
CHC OF WETTING RAIN.20 PERCENT.
TRANSPORT WINDS.....SOUTH AROUND 10 MPH.
MIXING HEIGHT.....4100-5100 FT AGL DECREASING TO 700-1700 FT AGL
AFTER MIDNIGHT.
SMOKE DISPERSAL.....POOR TO FAIR (11600-44300 KNOT-FT).
HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.