



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: August 14, 2014 @ 1030

Local	GACC	Nat'l
2	2	4

Today's Fire Danger
MODERATE / 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	Cosner	??	H	Contained	T43N R72W Sec 21	County dealt with this one, FS Engine responded also

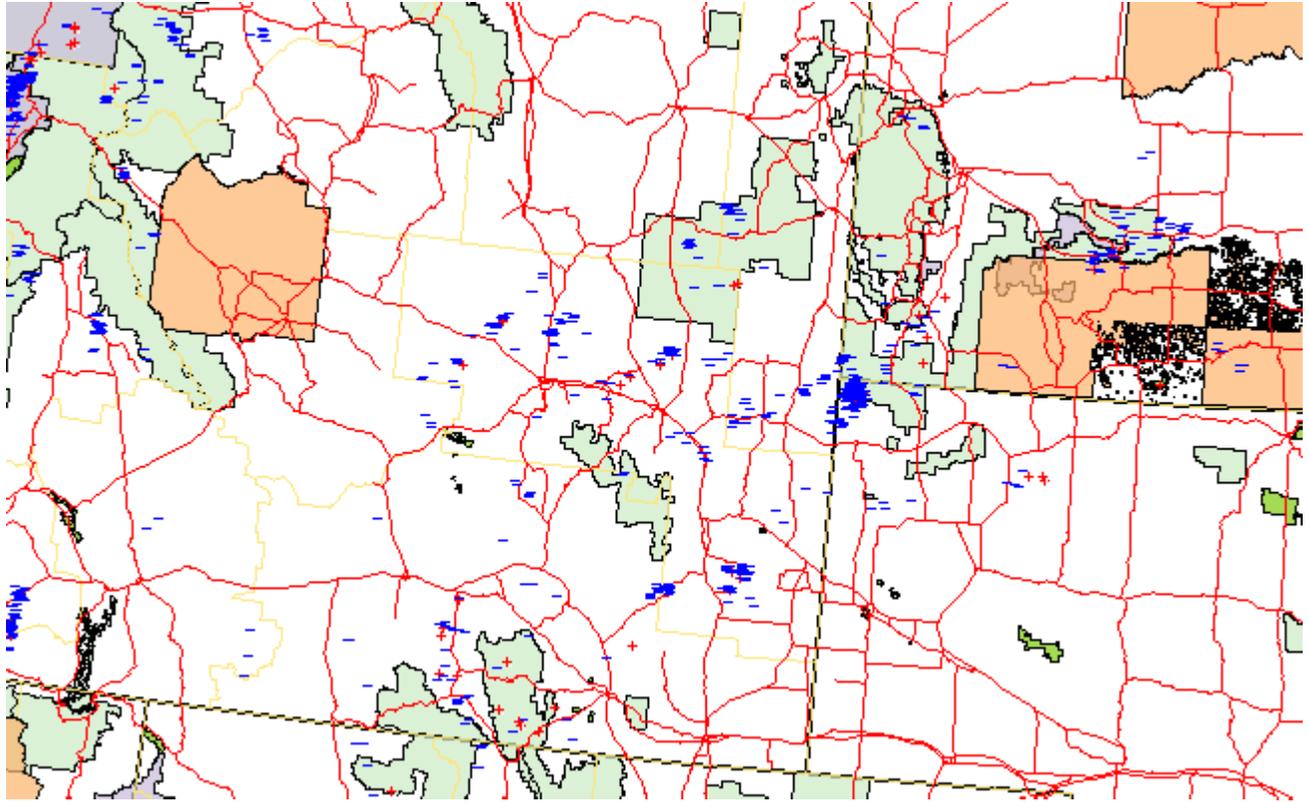
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

Pretty quiet day in the zone, one new fire in Cambell County . Supporting Cromack Draw fire along with fires in California.

Lightning Map



INDICES (forecasted/actual)

FDRA	Predicted Today		
	Indices	Forecasted for	Actual for
Echeta	BI	60	47
Rochelle Hills	ERC	13	17
Rochelle Hills	BI	52	64
Poker Creek	ERC	39	59
Casper Mtn	ERC	40	63
Fales Rock	BI	0	99
Sandstone	ERC	N/A	65
Esterbrook	ERC	54	54
Sawmill Park	ERC	25	37

Duty Officers for Today:

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

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

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	604	2008	2038
Casper	611	2009	2039
Glenrock	609	2007	2037
Laramie	611	2003	2033

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

MONSOONAL MOISTURE AND A MID LEVEL LOW MOVING NORTHWARD ACROSS THE AREA WILL BRING A SCATTERING OF SHOWERS AND ISOLATED THUNDERSTORMS TODAY...SOME WITH HEAVY DOWNPOURS. A RIDGE OF HIGH PRESSURE WILL BUILD OVER THE AREA ON FRIDAY AND BRING WARMER AND DRIER WEATHER. ISOLATED THUNDERSTORMS ARE STILL POSSIBLE ACROSS ZONE 281 AND NORTHERN ZONE 280 HOWEVER. SATURDAY LOOKS TO BE RAIN FREE EXCEPT AN ISOLATED THUNDERSTORM IN THE HIGHER ELEVATIONS. WITH WINDS EXPECTED TO REMAIN LIGHT TO MODERATE...FIRE WEATHER CONCERNS LOOK TO REMAIN MINIMAL THROUGH SATURDAY.

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

WYZ280-142215-
NATRONA COUNTY/CASPER BLM-
348 AM MDT THU AUG 14 2014

. TODAY ...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED RAIN SHOWERS AND
ISOLATED THUNDERSTORMS. CHANCE OF PRECIPITATION
50 PERCENT.
MAX TEMPERATURE.....75-80.
24 HR TREND.....10 DEGREES COOLER.
MIN HUMIDITY.....35-41 PERCENT.
24 HR TREND.....17 PERCENT WETTER.
20-FOOT WINDS.....WEST WINDS 10 TO 15 MPH WITH HIGHER GUSTS.
RIDGE TOP WINDS.....WEST AROUND 15 MPH.
LAL.....1 UNTIL 1200...THEN 2.
CHC OF WETTING RAIN.12 PERCENT.
TRANSPORT WINDS.....WEST 15 TO 20 MPH.
MIXING HEIGHT.....1000-3000 FT AGL UNTIL 1200...THEN 3000-5500 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 CLOUDY UNTIL 2400...THEN PARTLY CLOUDY.
SCATTERED SHOWERS AND THUNDERSTORMS UNTIL
2400...THEN ISOLATED SHOWERS AND THUNDERSTORMS.
CHANCE OF PRECIPITATION 40 PERCENT.
MIN TEMPERATURE.....56-61.
24 HR TREND.....2 DEGREES COOLER.
MAX HUMIDITY.....78-84 PERCENT.
24 HR TREND.....8 PERCENT WETTER.
HUMIDITY RECOVERY...EXCELLENT.
20-FOOT WINDS.....WEST WINDS AROUND 10 MPH WITH GUSTS TO AROUND
15 MPH.
RIDGE TOP WINDS.....WEST 10 TO 15 MPH.
LAL.....3 UNTIL 2400...THEN 2.
CHC OF WETTING RAIN.LESS THAN 5 PERCENT.
TRANSPORT WINDS.....WEST AROUND 15 MPH.
MIXING HEIGHT.....3000-5500 FT AGL UNTIL 2400...THEN 1000-3500 FT
AGL.
SMOKE DISPERSAL.....POOR TO FAIR (32000-52000 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

WIDESPREAD WETTING RAINS TODAY BEGINNING OVER CARBON COUNTY...THEN SPREADING EAST. THIS IS DUE TO A UPPER LEVEL LOW PRESSURE SYSTEM MOVING SLOWLY NORTHEAST AND INTERACTING WITH MONSOONAL MOISTURE OVER THE AREA. THIS LOW WILL KEEP UNSETTLED WEATHER OVER SOUTHEAST WYOMING AND NEBRASKA PANHANDLE THROUGH FRIDAY AFTERNOON AS THE LOW SLOWLY MOVES OUT OF THE AREA. DRIER CONDITIONS AFTER FRIDAY AFTERNOON AS WESTERLY WINDS RETURN. AFTERNOON HUMIDITIES SATURDAY AND SUNDAY WILL LOOK TO BECOME CRITICAL WEST OF THE LARAMIE RANGE. GUSTY WESTERLY WINDS AS WELL BOTH AFTERNOONS THAT COULD REACH CRITICAL CRITERIA.

ISSUED BY WFO CHEYENNE

WYZ301 -

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

206 AM MDT THU AUG 14 2014

. TODAY . . .

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS UNTIL 1200.
THEN NUMEROUS SHOWERS AND THUNDERSTORMS.
SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL
AFTER 1200.

MAX TEMPERATURE.....81-87.

24 HR TREND.....7 DEGREES COOLER.

MIN HUMIDITY.....31-37 PERCENT.

24 HR TREND.....18 PERCENT WETTER.

20-FOOT WINDS.....WEST AROUND 5 MPH.

LAL.....1 UNTIL 0900...THEN 2 UNTIL 1200...THEN 4.

CHC OF WETTING RAIN.30 PERCENT.

TRANSPORT WINDS.....WEST AROUND 10 MPH.

MIXING HEIGHT.....3400-4900 FT AGL INCREASING TO 5100-7100 FT AGL
IN THE AFTERNOON.

SMOKE DISPERSAL.....POOR TO FAIR (33800-54500 KNOT-FT).

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

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY.
CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL
2400...THEN SLIGHT CHANCE OF SHOWERS. SOME
THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL UNTIL
2100.

MIN TEMPERATURE.....58-63.

24 HR TREND.....5 DEGREES COOLER.

MAX HUMIDITY.....82-88 PERCENT.

24 HR TREND.....22 PERCENT WETTER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....NORTHWEST AROUND 5 MPH.

LAL.....4 UNTIL 2100...THEN 3 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN.15 PERCENT.

TRANSPORT WINDS.....NORTHWEST AROUND 10 MPH.

MIXING HEIGHT.....2800-4000 FT AGL DECREASING TO 400-1700 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR (8000-25600 KNOT-FT).

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

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

WIDESPREAD WETTING RAINS TODAY BEGINNING OVER CARBON COUNTY...THEN SPREADING EAST. THIS IS DUE TO A UPPER LEVEL LOW PRESSURE SYSTEM MOVING SLOWLY NORTHEAST AND INTERACTING WITH MONSOONAL MOISTURE OVER THE AREA. THIS LOW WILL KEEP UNSETTLED WEATHER OVER SOUTHEAST WYOMING AND NEBRASKA PANHANDLE THROUGH FRIDAY AFTERNOON AS THE LOW SLOWLY MOVES OUT OF THE AREA. DRIER CONDITIONS AFTER FRIDAY AFTERNOON AS WESTERLY WINDS RETURN. AFTERNOON HUMIDITIES SATURDAY AND SUNDAY WILL LOOK TO BECOME CRITICAL WEST OF THE LARAMIE RANGE. GUSTY WESTERLY WINDS AS WELL BOTH AFTERNOONS THAT COULD REACH CRITICAL CRITERIA.

ISSUED BY WFO CHEYENNE

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF-

206 AM MDT THU AUG 14 2014

. TODAY . . .

SKY/WEATHER CLOUDY. NUMEROUS SHOWERS. ISOLATED THUNDERSTORMS AFTER 0900 UNTIL 1200...THEN NUMEROUS THUNDERSTORMS.

MAX TEMPERATURE 61-69.

24 HR TREND 9 DEGREES COOLER.

MIN HUMIDITY 54-60 PERCENT.

24 HR TREND 25 PERCENT WETTER.

20-FOOT WINDS SOUTHWEST 5 TO 10 MPH. GUSTS UP TO 20 MPH IN THE AFTERNOON.

LAL 1 UNTIL 0900...THEN 2 UNTIL 1200...THEN 4.

CHC OF WETTING RAIN . 50 PERCENT.

TRANSPORT WINDS SOUTHWEST AROUND 10 MPH INCREASING TO WEST AROUND 20 MPH IN THE AFTERNOON.

MIXING HEIGHT 3900-5900 FT AGL.

SMOKE DISPERSAL FAIR TO GOOD (47100-92600 KNOT-FT) .

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

. TONIGHT . . .

SKY/WEATHER MOSTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL 2400...THEN SLIGHT CHANCE OF SHOWERS.

MIN TEMPERATURE 46-52.

24 HR TREND 3 DEGREES COOLER.

MAX HUMIDITY 84-90 PERCENT.

24 HR TREND 3 PERCENT WETTER.

HUMIDITY RECOVERY . . . EXCELLENT.

20-FOOT WINDS WEST AROUND 10 MPH.

LAL 4 UNTIL 2400...THEN 1.

CHC OF WETTING RAIN . 15 PERCENT.

TRANSPORT WINDS WEST AROUND 20 MPH.

MIXING HEIGHT 2600-3400 FT AGL DECREASING TO 400-2000 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL POOR TO FAIR (23400-51900 KNOT-FT) .

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