



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: August 12, 2014 @ 0900

Local	GACC	Nat'l
2	2	4

Today's Fire Danger
MODERATE / HIGH

INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
Unit	Inc Name	Size	Cause	Status	Location	Remarks

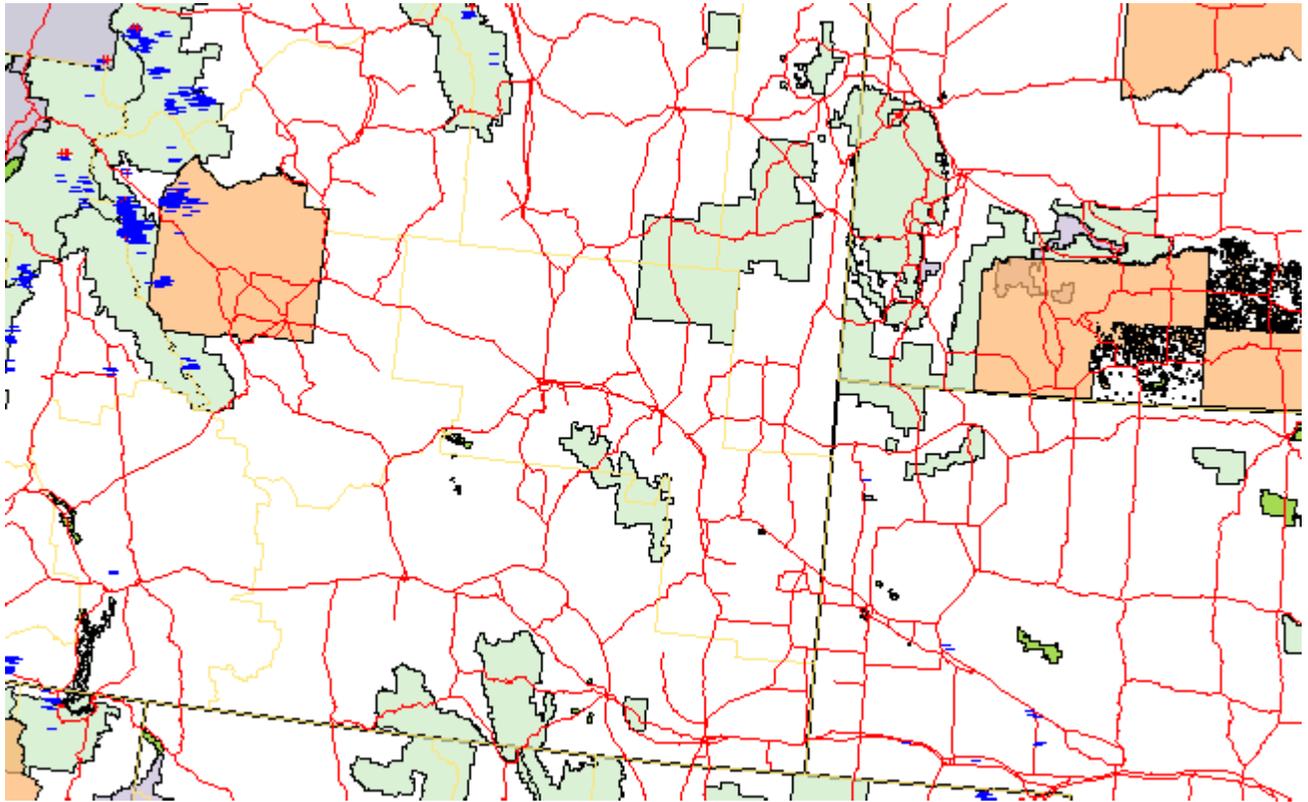
MED BOW NATIONAL FOREST						
Unit	Inc Name	Size (Acres)	Cause	Status	Location	Remarks

WHPD BLM						
Unit	Inc Name	Size	Cause	Status	Location	Remarks

Area Discussion:

No new fires or activity to report

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for	Actual for
Echeta	BI	52	60
Rochelle Hills	ERC	14	15
Rochelle Hills	BI	58	52
Poker Creek	ERC	54	53
Casper Mtn	ERC	58	57
Fales Rock	BI	54	57
Sandstone	ERC	N/A	64
Esterbrook	ERC	51	50
Sawmill Park	ERC	35	34

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	Rob

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Home	Available
	2HX (Rawlins) BLM	Home	Possible available

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	602	2011	2041
Casper	608	2011	2041
Glenrock	607	2010	2040
Laramie	609	2005	2035

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. A RIDGE OF HIGH PRESSURE WILL MOVE EAST OF THE AREA TODAY. A PLUME OF MONSOONAL MOISTURE WILL MOVE NORTH AND EAST TOWARD THE AREA TODAY. MOST SHOWERS AND THUNDERSTORMS SHOULD STAY WEST OF THE AREA...BUT A FEW COULD DRIFT OFF OF THE BIG HORN RANGE...MAINLY IN ZONES 281 AND 285. DEEPER MOISTURE WILL SPREAD ACROSS THE ENTIRE AREA FROM WEDNESDAY INTO THURSDAY AND BRING MORE NUMEROUS SHOWERS AND THUNDERSTORMS...SOME WITH HEAVY RAINS. WINDS SHOULD REMAIN LIGHT TO MODERATE EXPECT NEAR THUNDERSTORMS. TEMPERATURES WILL BE ABOVE NORMAL TODAY WITH SOME COOLING EXPECTED FOR WEDNESDAY AND THURSDAY.

...THUNDERSTORMS IMPLY STRONG GUSTY AND ERRATIC WINDS...

...HAINES INDEX IS HIGH LEVEL HAINES BOTH DAY AND NIGHT...

WYZ280-122215-

NATRONA COUNTY/CASPER BLM-

223 AM MDT TUE AUG 12 2014

. TODAY ...

SKY/WEATHER.....MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY.

MAX TEMPERATURE.....87-92.

24 HR TREND.....3 DEGREES WARMER.

MIN HUMIDITY.....13-19 PERCENT.

24 HR TREND.....4 PERCENT DRIER.

20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH.

RIDGE TOP WINDS.....SOUTH 5 TO 10 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTH AROUND 10 MPH.

MIXING HEIGHT.....3500-6000 FT AGL UNTIL 1200...THEN 9500-12000 FT AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (52000-72000 KNOT-FT).

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

. TONIGHT ...

SKY/WEATHER.....PARTLY CLOUDY.

MIN TEMPERATURE.....58-63.

24 HR TREND.....3 DEGREES WARMER.

MAX HUMIDITY.....55-61 PERCENT.

24 HR TREND.....10 PERCENT DRIER.

HUMIDITY RECOVERY...MODERATE.

20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH UNTIL 2400...THEN SOUTH AROUND 10 MPH.

RIDGE TOP WINDS.....SOUTH AROUND 10 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....SOUTH 10 TO 15 MPH.

MIXING HEIGHT.....10000-12500 FT AGL UNTIL 2400...THEN 3500-6000 FT AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (58000-78000 KNOT-FT).

HAINES INDEX.....5 OR MODERATE POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL GRASSLAND

FIRE WEATHER CONCERNS WILL REMAIN MINIMAL THROUGH THE END OF THE WEEK. TODAY WILL BE WARM AND MOSTLY DRY WITH A FEW T-STORMS POSSIBLE OVER THE MOUNTAINS AND NEARBY VALLEY LOCATIONS IN THE AFTERNOON. MINIMUM RELATIVE HUMIDITY VALUES WILL FALL TO NEAR CRITICAL VALUES OVER PORTIONS OF CARBON AND ALBANY COUNTIES BELOW 7000 FT THIS AFTERNOON...BUT GENERAL WINDS WILL REMAIN BELOW CRITICAL THRESHOLDS. HOWEVER...GUSTY AND ERRATIC WINDS WILL BE POSSIBLE NEAR THUNDERSTORMS. A VIGOROUS WEATHER DISTURBANCE WILL AFFECT THE DISTRICT ON WEDNESDAY AND THURSDAY WITH MONSOONAL MOISTURE INCREASING AS WELL. EXPECT WIDESPREAD SHOWERS AND STORMS DURING THIS TIME...WITH THE POTENTIAL FOR LOCALLY HEAVY RAIN FROM THIS ACTIVITY.

ISSUED BY WFO CHEYENNE

WYZ301 -

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

446 AM MDT TUE AUG 12 2014

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY.

MAX TEMPERATURE.....89-94.

24 HR TREND.....3 DEGREES WARMER.

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

24 HR TREND.....1 PERCENT DRIER.

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

LAL.....1 UNTIL 1500...THEN 2.

CHC OF WETTING RAIN.ZERO PERCENT.

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

MIXING HEIGHT.....6700-7900 FT AGL INCREASING TO 9500-11300 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....FAIR TO GOOD (49500-82000 KNOT-FT).

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

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....58-63.

24 HR TREND.....3 DEGREES WARMER.

MAX HUMIDITY.....72-78 PERCENT.

24 HR TREND.....5 PERCENT DRIER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....SOUTHEAST 10 TO 15 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

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

MIXING HEIGHT.....4800-5700 FT AGL DECREASING TO 300 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (2300-50700 KNOT-FT).

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

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

FIRE WEATHER CONCERNS WILL REMAIN MINIMAL THROUGH THE END OF THE WEEK. TODAY WILL BE WARM AND MOSTLY DRY WITH A FEW T-STORMS POSSIBLE OVER THE MOUNTAINS AND NEARBY VALLEY LOCATIONS IN THE AFTERNOON. MINIMUM RELATIVE HUMIDITY VALUES WILL FALL TO NEAR CRITICAL VALUES OVER PORTIONS OF CARBON AND ALBANY COUNTIES BELOW 7000 FT THIS AFTERNOON...BUT GENERAL WINDS WILL REMAIN BELOW CRITICAL THRESHOLDS. HOWEVER...GUSTY AND ERRATIC WINDS WILL BE POSSIBLE NEAR THUNDERSTORMS. A VIGOROUS WEATHER DISTURBANCE WILL AFFECT THE DISTRICT ON WEDNESDAY AND THURSDAY WITH MONSOONAL MOISTURE INCREASING AS WELL. EXPECT WIDESPREAD SHOWERS AND STORMS DURING THIS TIME...WITH THE POTENTIAL FOR LOCALLY HEAVY RAIN FROM THIS ACTIVITY.

ISSUED BY WFO CHEYENNE

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF-

446 AM MDT TUE AUG 12 2014

. TODAY . . .

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

MAX TEMPERATURE 70-78.

24 HR TREND 5 DEGREES WARMER.

MIN HUMIDITY 19-25 PERCENT.

24 HR TREND 2 PERCENT DRIER.

20-FOOT WINDS UPSLOPE/UPVALLEY 5-9 MPH.

LAL 1 UNTIL 1200...THEN 2.

CHC OF WETTING RAIN . 5 PERCENT.

TRANSPORT WINDS WEST AROUND 10 MPH SHIFTING TO THE NORTH IN THE
AFTERNOON.

MIXING HEIGHT 6400-7700 FT AGL INCREASING TO 9300-11100 FT
AGL IN THE AFTERNOON.

SMOKE DISPERSAL GOOD (62800-82800 KNOT-FT).

HAINES INDEX 5 OR MODERATE POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2100.

MIN TEMPERATURE 48-54.

24 HR TREND 1 DEGREE WARMER.

MAX HUMIDITY 70-76 PERCENT.

24 HR TREND 6 PERCENT WETTER.

HUMIDITY RECOVERY GOOD.

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

LAL 2 UNTIL 2100...THEN 1.

CHC OF WETTING RAIN . ZERO PERCENT.

TRANSPORT WINDS SOUTH 10 TO 15 MPH.

MIXING HEIGHT 5400-6300 FT AGL DECREASING TO 700-1200 FT AGL
AFTER MIDNIGHT.

SMOKE DISPERSAL POOR TO FAIR (10200-51400 KNOT-FT).

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