



Casper

Interagency Dispatch Center

Local Situation Report

Prepared: August 5, 2014 @ 0900

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>

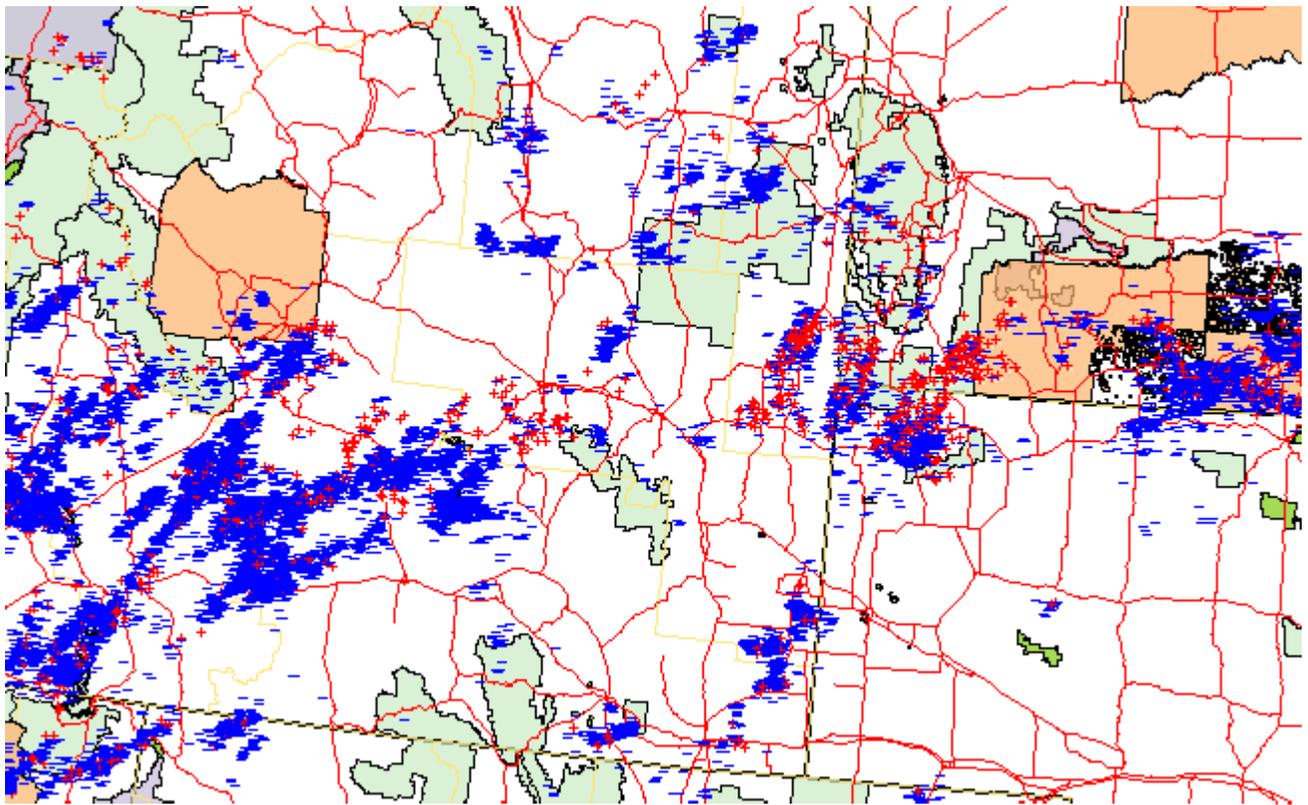
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

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:

Rain thru-out the zone

Lightning Map



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for	Actual for
Echeta	BI	0	75
Rochelle Hills	ERC	0	15
Rochelle Hills	BI	10	53
Poker Creek	ERC	38	57
Casper Mtn	ERC	40	68
Fales Rock	BI	56	60
Sandstone	ERC	N/A	51
Esterbrook	ERC	50	52
Sawmill Park	ERC	28	28

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	Availble
	2HX (Rawlins) BLM	Home	Availble

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	554	2021	2051
Casper	601	2021	2051
Glenrock	559	2019	2049
Laramie	602	2014	2044

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

PATCHY MORNING FOG IS POSSIBLE ACROSS ZONE 280 AS A RESULT OF THE SHOWER ACTIVITY ON MONDAY. ANOTHER ROUND OF SHOWERS AND THUNDERSTORMS EXPECTED TODAY...WHICH WILL AGAIN INCLUDE HEAVY RAINFALL. OTHER THREATS MAY BE GUSTY WIND AND LIGHTNING. COVERAGE WILL WEAKEN WITH THE LOSS OF DAYLIGHT. SOME DIMINISHED SHOWER ACTIVITY ANTICIPATED ON WEDNESDAY...MAINLY ACROSS THE NATRONA COUNTY ZONES. THE PERIODS OF SHOWERS AND THUNDERSTORMS WILL PUSH INTO THURSDAY...THOUGH THE WEAKENED COVERAGE WILL PERMIT THE BEGINNING OF A WARMING TREND.

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

239 AM MDT TUE AUG 5 2014

. TODAY ...

SKY/WEATHER.....MOSTLY CLOUDY. PATCHY FOG UNTIL 1200. SCATTERED THUNDERSTORMS UNTIL 1200. SCATTERED RAIN SHOWERS. SCATTERED THUNDERSTORMS AFTER 1200.SOME THUNDERSTORMS MAY PRODUCE HEAVY RAINFALL AFTER 1200. CHANCE OF PRECIPITATION 50 PERCENT.

MAX TEMPERATURE.....75-80.

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

MIN HUMIDITY.....33-39 PERCENT.

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

20-FOOT WINDS.....UPSLOPE/UPVALLEY 5-9 MPH UNTIL 0900...THEN WEST AROUND 10 MPH AND GUSTY.

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

LAL.....4.

CHC OF WETTING RAIN.5 PERCENT UNTIL 1200...THEN 30 PERCENT.

TRANSPORT WINDS.....WEST 10 TO 15 MPH.

MIXING HEIGHT.....2000-4500 FT AGL UNTIL 1200...THEN 5500-8000 FT

SMOKE DISPERSAL.....FAIR TO GOOD (48000-68000 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. CHANCE OF PRECIPITATION 50 PERCENT.

MIN TEMPERATURE.....54-59.

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

MAX HUMIDITY.....85-91 PERCENT.

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

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....NORTH WINDS AROUND 10 MPH WITH GUSTS TO AROUND 15 MPH UNTIL 2400...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.

RIDGE TOP WINDS.....NORTH 10 TO 15 MPH UNTIL 0300...THEN WEST.

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

CHC OF WETTING RAIN.30 PERCENT UNTIL 2400...THEN 5 PERCENT.

TRANSPORT WINDS.....WEST AROUND 15 MPH UNTIL 2100...THEN NORTH.

MIXING HEIGHT.....5500-8000 FT AGL UNTIL 2400...THEN 2500-5000 FT AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (48000-68000 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...A PREVAILING SOUTHWEST FLOW ALOFT BETWEEN A RIDGE ACROSS THE HIGH PLAINS AND TROUGH OVER THE INTERMOUNTAIN WEST WILL CONTINUE TO ADVECT SUBTROPICAL MOISTURE ACROSS THE DISTRICTS THROUGH THE END OF THE WEEK. WEAK UPPER LEVEL DISTURBANCES AND A SURFACE BOUNDARY EAST OF THE FRONT RANGE WILL ENHANCE LIFT FOR SHOWERS AND THUNDERSTORMS...MOST NUMEROUS THIS AFTERNOON AND EARLY EVENING. WETTING RAINFALL AND HIGH RELATIVE HUMIDITY WILL PRECLUDE FIRE WEATHER CONCERNS. WINDS WILL AVERAGE AROUND 10 MPH...EXCEPT VARIABLE AND GUSTY IN AND NEAR THUNDERSTORMS.

253 AM MDT TUE AUG 5 2014

. TODAY ...

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

MAX TEMPERATURE.....81-86.

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

MIN HUMIDITY.....33-39 PERCENT.

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

20-FOOT WINDS.....NORTHEAST UP TO 10 MPH SHIFTING TO THE EAST AROUND 10 MPH IN THE AFTERNOON.

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

CHC OF WETTING RAIN.30 PERCENT.

TRANSPORT WINDS.....NORTHEAST AROUND 10 MPH SHIFTING TO THE EAST IN THE AFTERNOON.

MIXING HEIGHT.....4800-6200 FT AGL INCREASING TO 6700-8700 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....POOR TO GOOD (34600-64600 KNOT-FT).

HAINES INDEX.....3 OR VERY 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.....57-62.

24 HR TREND.....UNCHANGED.

MAX HUMIDITY.....89-95 PERCENT.

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

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....EAST UP TO 10 MPH IN THE EVENING BECOMING DOWNSLOPE/DOWNVALLEY 4-7 MPH.

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

CHC OF WETTING RAIN.20 PERCENT.

TRANSPORT WINDS.....EAST AROUND 10 MPH.

MIXING HEIGHT.....3800-4800 FT AGL DECREASING TO 500-1200 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR (6000-38900 KNOT-FT).

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

Weather Discussion

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF

.DISCUSSION...A PREVAILING SOUTHWEST FLOW ALOFT BETWEEN A RIDGE ACROSS THE HIGH PLAINS AND TROUGH OVER THE INTERMOUNTAIN WEST WILL CONTINUE TO ADVECT SUBTROPICAL MOISTURE ACROSS THE DISTRICTS THROUGH THE END OF THE WEEK. WEAK UPPER LEVEL DISTURBANCES AND A SURFACE BOUNDARY EAST OF THE FRONT RANGE WILL ENHANCE LIFT FOR SHOWERS AND THUNDERSTORMS...MOST NUMEROUS THIS AFTERNOON AND EARLY EVENING. WETTING RAINFALL AND HIGH RELATIVE HUMIDITY WILL PRECLUDE FIRE WEATHER CONCERNS. WINDS WILL AVERAGE AROUND 10 MPH...EXCEPT VARIABLE AND GUSTY IN AND NEAR THUNDERSTORMS.

253 AM MDT TUE AUG 5 2014

.TODAY...

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

MAX TEMPERATURE.....64-72.

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

MIN HUMIDITY.....40-46 PERCENT.

24 HR TREND.....UNCHANGED.

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

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

CHC OF WETTING RAIN.35 PERCENT.

TRANSPORT WINDS.....WEST AROUND 15 MPH.

MIXING HEIGHT.....4300-5500 FT AGL INCREASING TO 5800-7600 FT AGL IN THE AFTERNOON.

SMOKE DISPERSAL.....GOOD (64700-99000 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.

MIN TEMPERATURE.....46-51.

24 HR TREND.....UNCHANGED.

MAX HUMIDITY.....85-91 PERCENT.

24 HR TREND.....UNCHANGED.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....SOUTHWEST 10 TO 15 MPH AND GUSTY.

LAL.....4 UNTIL 2100...THEN 3 UNTIL 2400...THEN 2.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....SOUTHWEST AROUND 15 MPH.

MIXING HEIGHT.....3000-4000 FT AGL DECREASING TO 300-800 FT AGL AFTER MIDNIGHT.

SMOKE DISPERSAL.....POOR TO FAIR (7200-47500 KNOT-FT).

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